

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016862.D
 Acq On : 09 Oct 2020 15:23
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
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Quant Time: Oct 10 05:10:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	375977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	545363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	484371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	249483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	300060	98.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.24%	
35) Dibromofluoromethane	7.88	113	321828	96.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.56%	
50) Toluene-d8	10.33	98	1238389	98.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.62%	
62) 4-Bromofluorobenzene	12.62	95	427393	98.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	179625	87.588	ug/l	100
3) Chloromethane	2.22	50	204333	90.876	ug/l	98
4) Vinyl Chloride	2.37	62	302483	93.028	ug/l	98
5) Bromomethane	2.79	94	235749	94.406	ug/l	100
6) Chloroethane	2.93	64	199395	96.362	ug/l	96
7) Trichlorofluoromethane	3.26	101	236230	99.790	ug/l	99
8) Diethyl Ether	3.68	74	142398	96.308	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	301428	94.565	ug/l	100
10) Methyl Iodide	4.28	142	491347	96.420	ug/l	99
11) Tert butyl alcohol	5.23	59	72109	446.599	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	307925	97.868	ug/l	99
13) Acrolein	3.90	56	104649	517.923	ug/l	100
14) Allyl chloride	4.67	41	373259	99.107	ug/l	100
15) Acrylonitrile	5.38	53	246174	500.181	ug/l	99
16) Acetone	4.14	43	242860	490.320	ug/l	98
17) Carbon Disulfide	4.39	76	823134	98.332	ug/l	100
18) Methyl Acetate	4.68	43	109222	96.142	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	326958	96.417	ug/l	98
20) Methylene Chloride	4.92	84	311663	79.406	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	342041	96.837	ug/l	99
22) Diisopropyl ether	6.31	45	655999	95.837	ug/l	97
23) Vinyl Acetate	6.26	43	2240331	510.786	ug/l	99
24) 1,1-Dichloroethane	6.22	63	520780	95.948	ug/l	99
25) 2-Butanone	7.18	43	327471	495.923	ug/l	100
26) 2,2-Dichloropropane	7.17	77	316170	95.210	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	366661	96.922	ug/l	99
28) Bromochloromethane	7.51	49	224379	103.290	ug/l	100
29) Tetrahydrofuran	7.54	42	184336	498.385	ug/l	99
30) Chloroform	7.68	83	563595	95.515	ug/l	99
31) Cyclohexane	7.96	56	414239	89.475	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	476485	95.736	ug/l	100
36) 1,1-Dichloropropene	8.09	75	448381	95.082	ug/l	99
37) Ethyl Acetate	7.26	43	149055	96.767	ug/l	99
38) Carbon Tetrachloride	8.07	117	471270	96.139	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	528779	98.352	ug/l	98
40) Benzene	8.32	78	1241479	94.507	ug/l	99
41) Methacrylonitrile	7.49	41	94830	143.478	ug/l	92
42) 1,2-Dichloroethane	8.40	62	340027	94.628	ug/l	99
43) Isopropyl Acetate	8.43	43	298472	101.148	ug/l	99
44) Trichloroethene	9.10	130	383926	94.425	ug/l	99
45) 1,2-Dichloropropane	9.37	63	285016	95.143	ug/l	100
46) Dibromomethane	9.46	93	165063	96.334	ug/l	98
47) Bromodichloromethane	9.65	83	420405	98.678	ug/l	97
48) Methyl methacrylate	9.44	41	140297	103.175	ug/l	97
49) 1,4-Dioxane	9.48	88	37860	1920.944	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	737509	494.039	ug/l	100
52) Toluene	10.39	92	834230	96.068	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	398312	102.696	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	481673	101.675	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	235217	96.442	ug/l	99
56) Ethyl methacrylate	10.65	69	275955	104.008	ug/l	100
57) 1,3-Dichloropropane	10.93	76	386921	95.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	767213	521.819	ug/l	100
59) 2-Hexanone	10.97	43	505512	511.803	ug/l	99
60) Dibromochloromethane	11.13	129	298425	99.759	ug/l	99
61) 1,2-Dibromoethane	11.24	107	235406	97.463	ug/l	98
64) Tetrachloroethene	10.87	164	329233	95.403	ug/l	96
65) Chlorobenzene	11.66	112	921103	96.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	333859	99.367	ug/l	99
67) Ethyl Benzene	11.73	91	1615330	97.571	ug/l	99
68) m/p-Xylenes	11.84	106	1275946	198.164	ug/l	98
69) o-Xylene	12.17	106	601892	101.865	ug/l	97
70) Styrene	12.18	104	976519	99.299	ug/l	99
71) Bromoform	12.35	173	181674	107.705	ug/l #	98
73) Isopropylbenzene	12.46	105	1625668	98.037	ug/l	99
74) N-amyl acetate	12.27	43	275665	103.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	253148	97.298	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	173101m	107.551	ug/l	
77) Bromobenzene	12.75	156	384624	93.833	ug/l	96
78) n-propylbenzene	12.80	91	1864844	97.515	ug/l	99
79) 2-Chlorotoluene	12.90	91	1053759	96.594	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1360261	97.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	78065	112.718	ug/l	97
82) 4-Chlorotoluene	12.99	91	1087328	96.551	ug/l	100
83) tert-Butylbenzene	13.21	119	1207179	100.018	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1359137	98.152	ug/l	100
85) sec-Butylbenzene	13.38	105	1661597	98.903	ug/l	100
86) p-Isopropyltoluene	13.50	119	1542322	98.589	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	752410	94.921	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	742204	95.017	ug/l	99
89) n-Butylbenzene	13.82	91	1400865	99.399	ug/l	98
90) Hexachloroethane	14.10	117	248614	102.993	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	646776	94.569	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41192	103.384	ug/l	97

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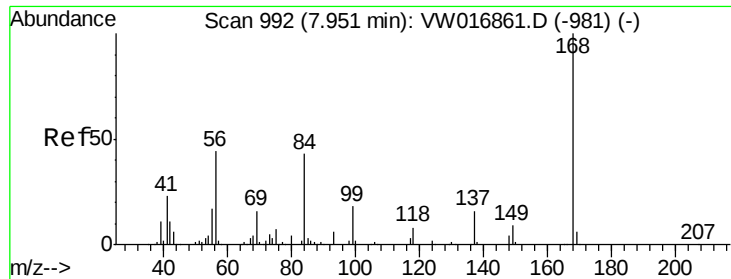
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	477472	101.182	ug/l	99
94) Hexachlorobutadiene	15.24	225	299997	98.069	ug/l	99
95) Naphthalene	15.37	128	850303	110.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	415279	101.157	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion:168 Resp: 375977

Ion Ratio Lower Upper

168 100

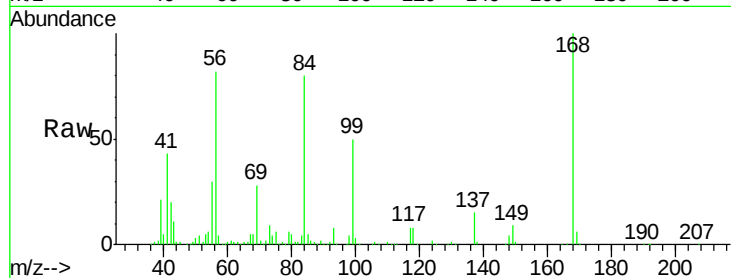
99 50.0 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

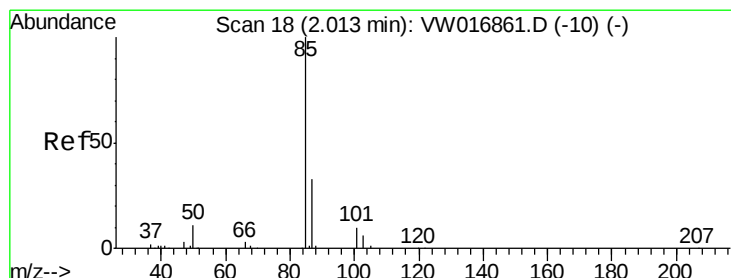
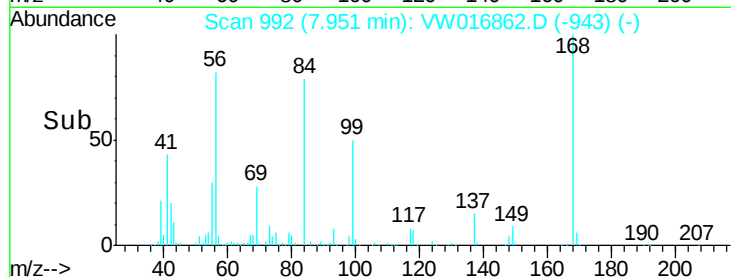
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 87.588 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016862.D

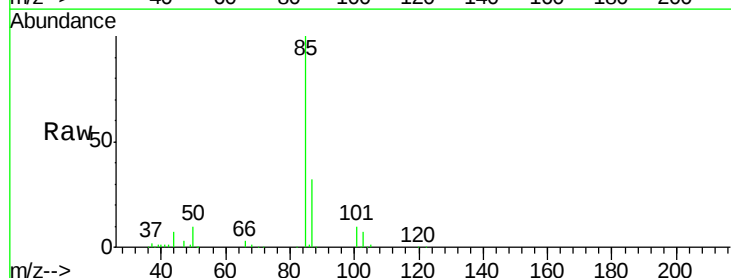
Acq: 09 Oct 2020 15:23

Tgt Ion: 85 Resp: 179625

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

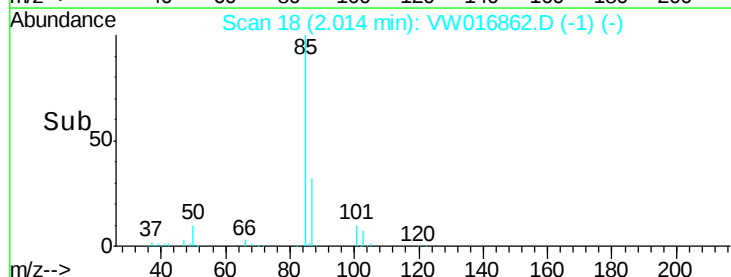
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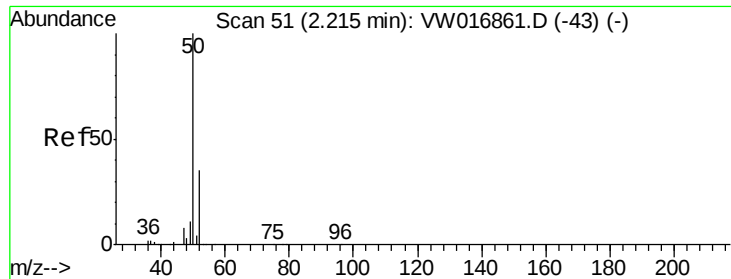
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0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 90.876 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 204333

Ion Ratio Lower Upper

50 100

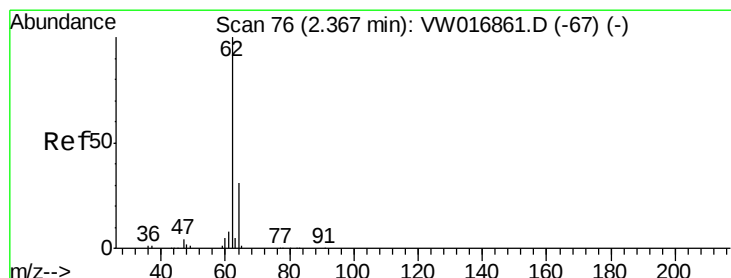
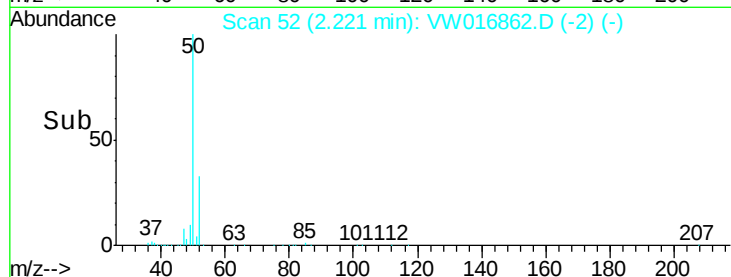
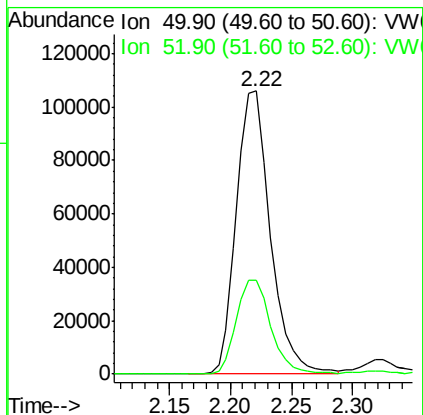
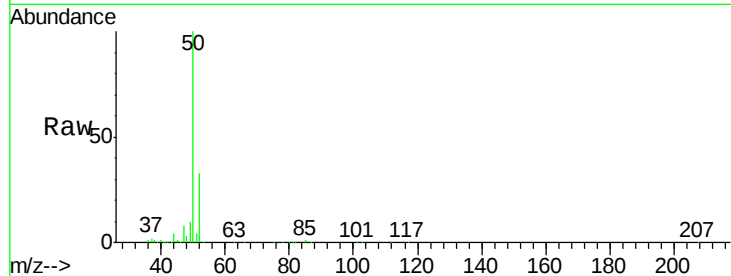
52 33.3 27.6 41.4

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#4

Vinyl Chloride

Concen: 93.028 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016862.D

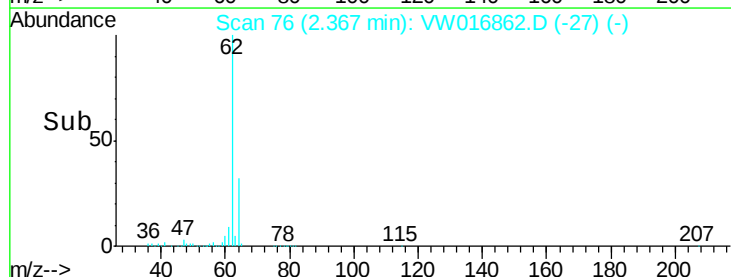
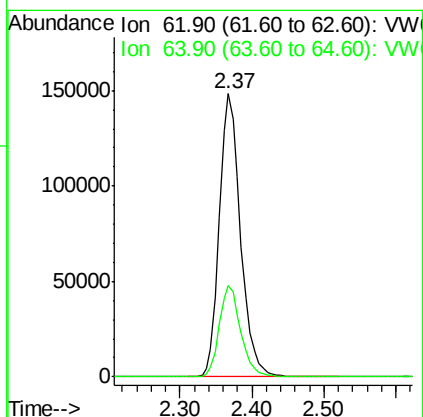
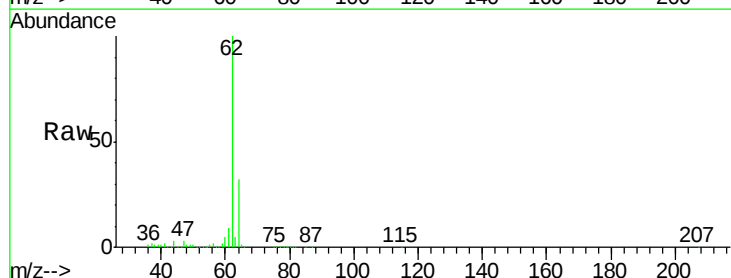
Acq: 09 Oct 2020 15:23

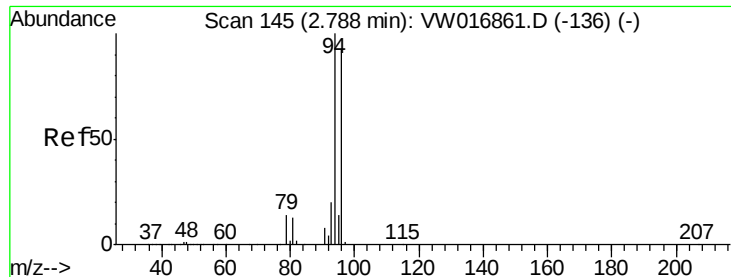
Tgt Ion: 62 Resp: 302483

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 94.406 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 235749

Ion Ratio Lower Upper

94 100

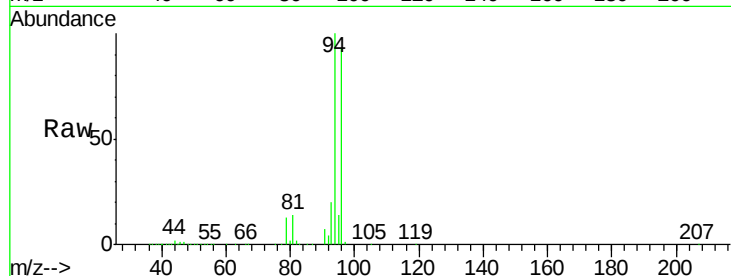
96 92.9 74.7 112.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

120000

100000

80000

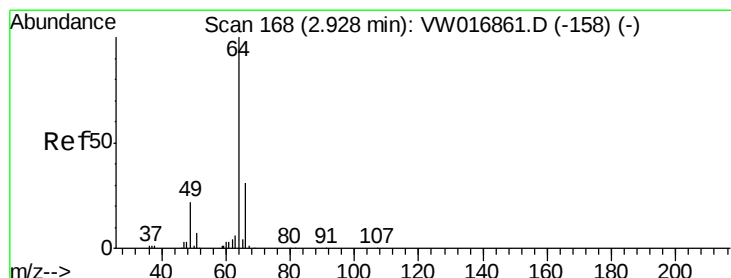
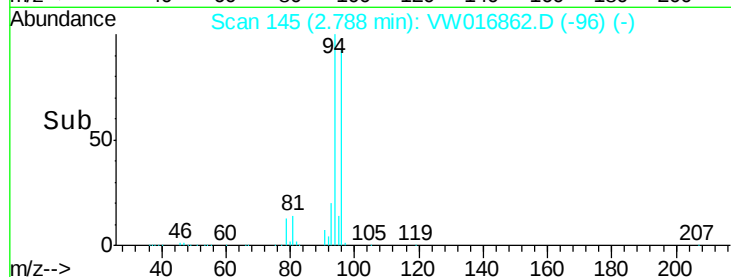
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 96.362 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016862.D

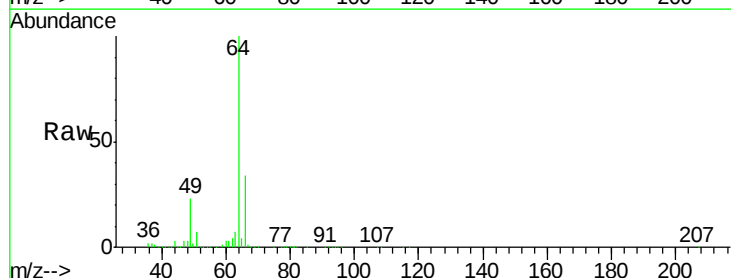
Acq: 09 Oct 2020 15:23

Tgt Ion: 64 Resp: 199395

Ion Ratio Lower Upper

64 100

66 33.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

80000

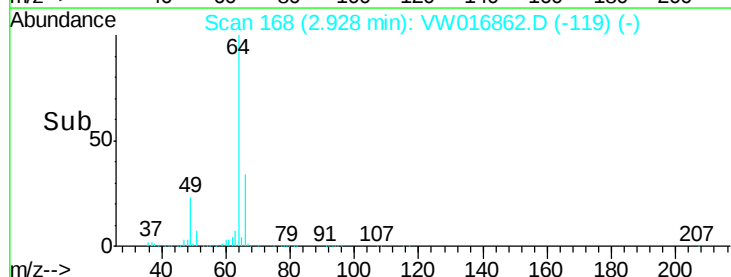
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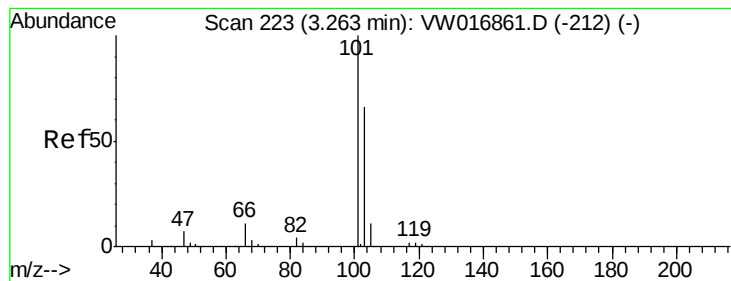
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Time-->





#7

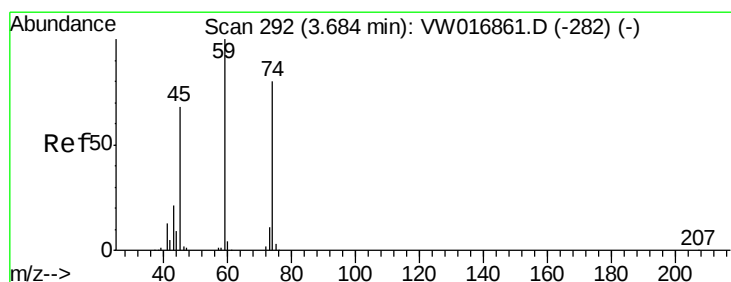
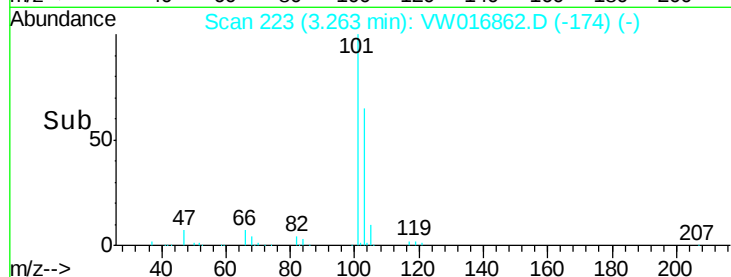
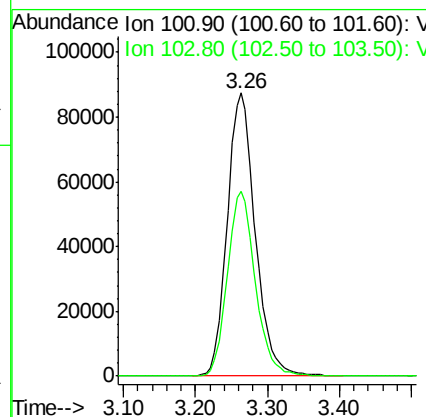
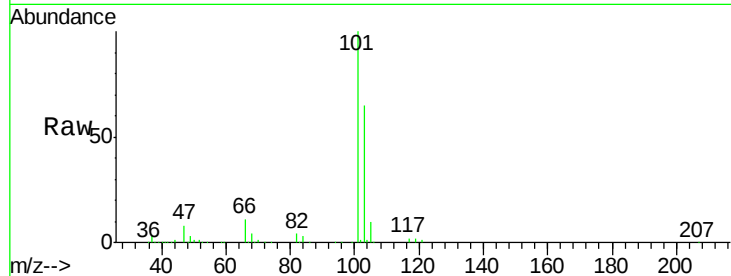
Trichlorofluoromethane
Concen: 99.790 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	236230		
103	65.2	52.6	79.0	

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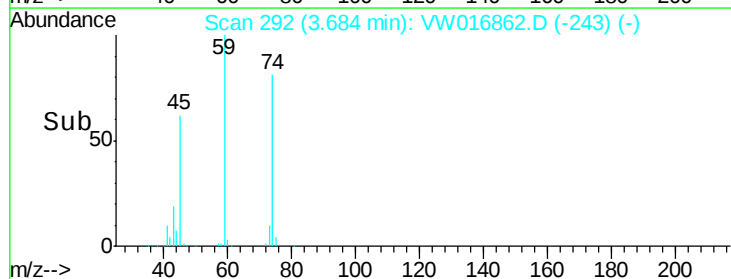
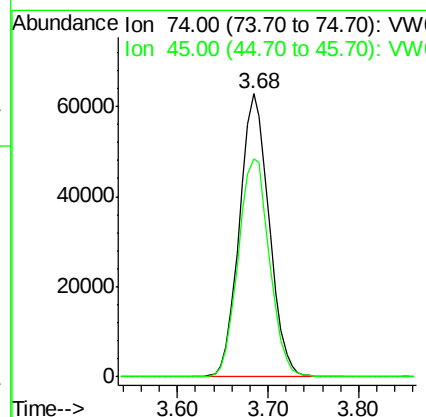
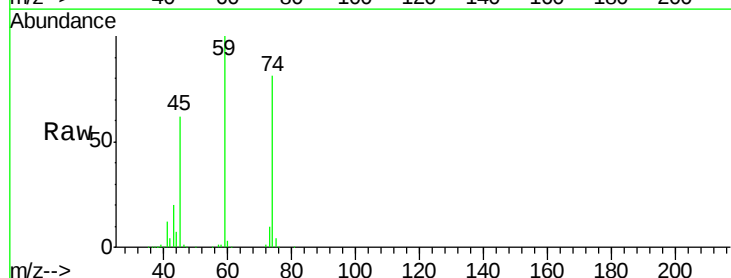
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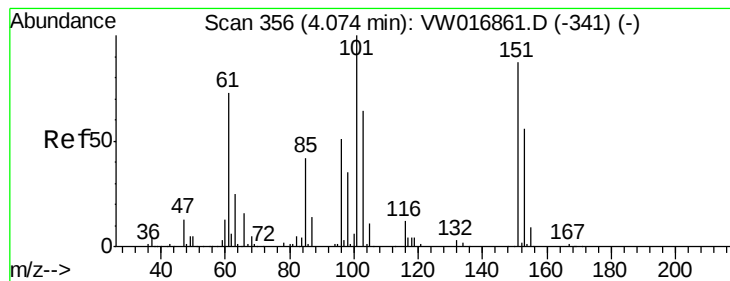


#8

Diethyl Ether
Concen: 96.308 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	142398		
45	81.3	41.1	123.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.565 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

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MSVOA_W

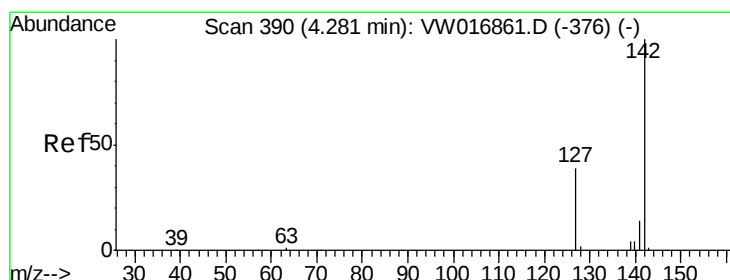
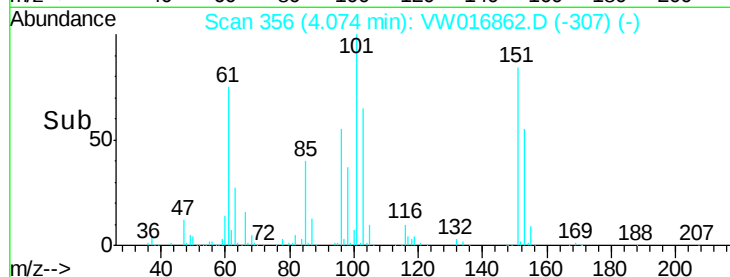
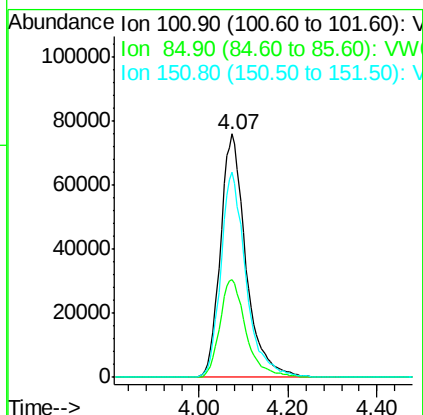
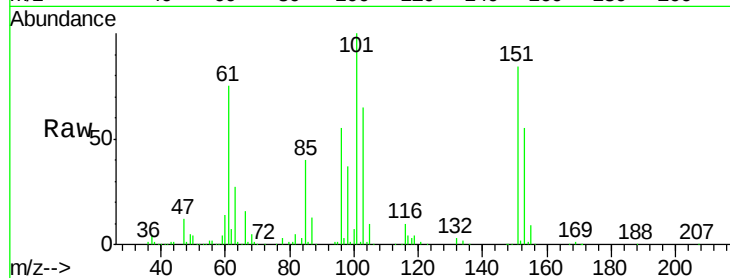
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	301428
Ion Ratio	Lower	Upper	
101	100		
85	41.2	33.2	49.8
151	83.4	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 96.420 ug/l

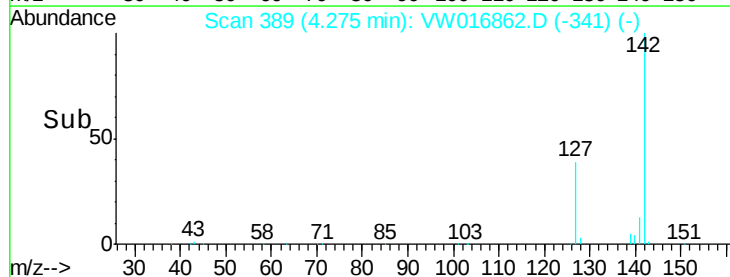
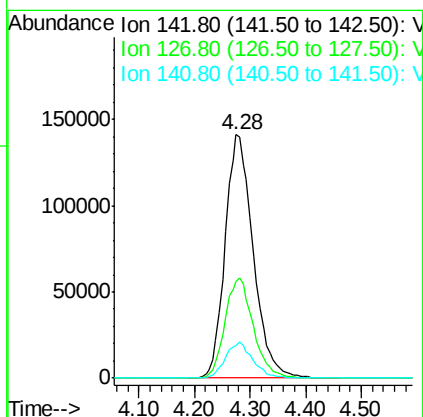
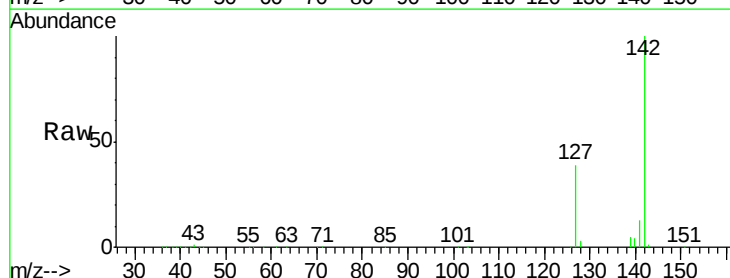
RT: 4.28 min Scan# 389

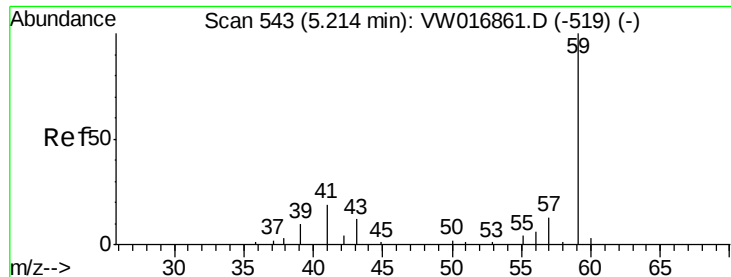
Delta R.T. -0.01 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion:	142	Resp:	491347
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.4	48.6
141	14.3	11.4	17.0





#11

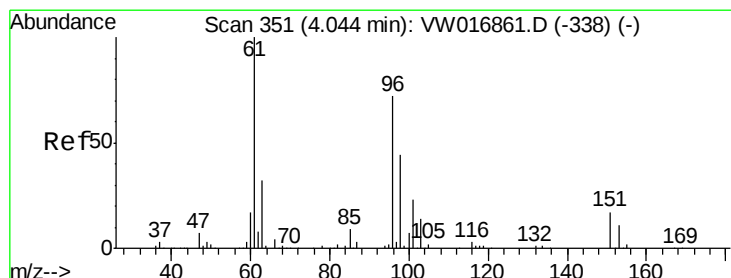
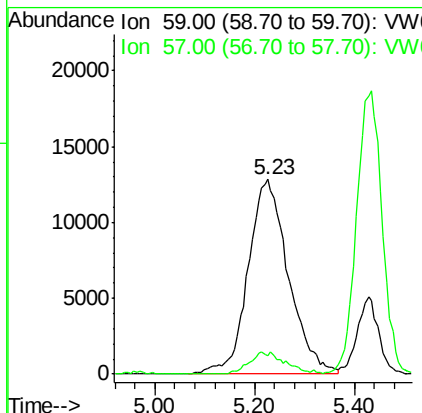
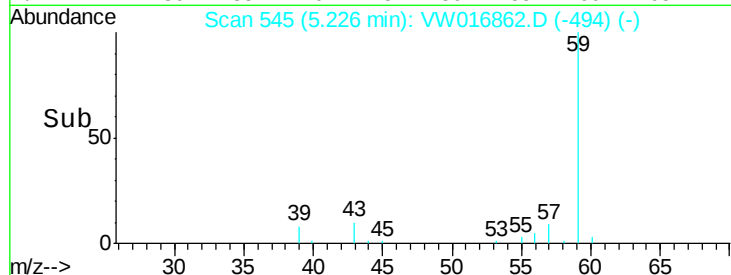
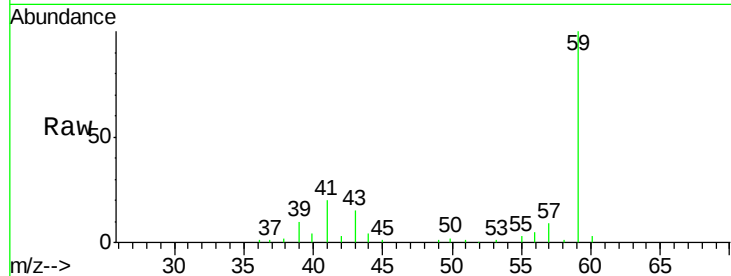
Tert butyl alcohol
Concen: 446.599 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 72109
Ion Ratio Lower Upper
59 100
57 10.2 4.7 7.1#

Manual Integrations
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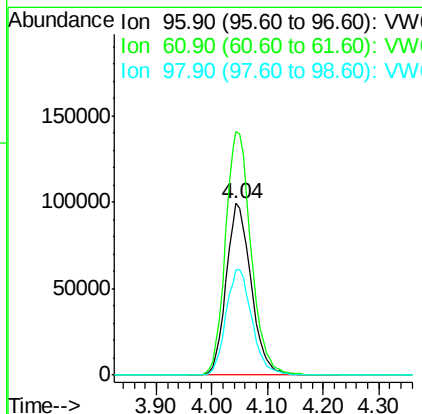
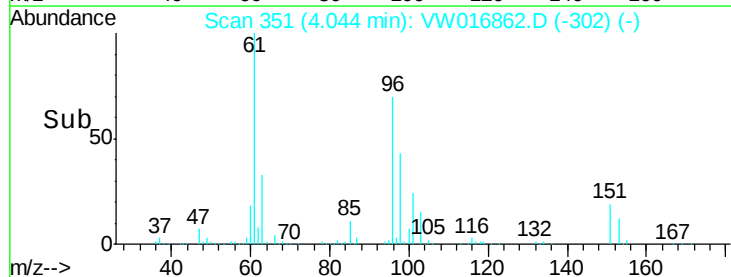
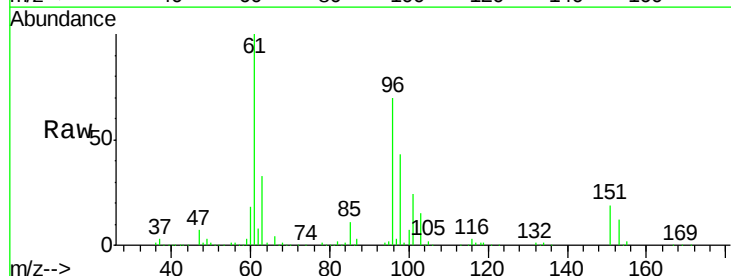
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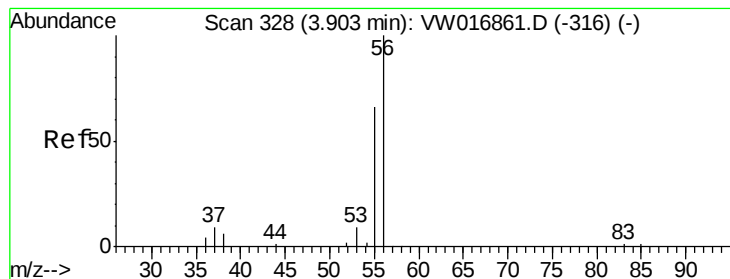


#12

1,1-Dichloroethene
Concen: 97.868 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 96 Resp: 307925
Ion Ratio Lower Upper
96 100
61 142.0 111.7 167.5
98 61.4 49.0 73.4





#13

Acrolein

Concen: 517.923 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 104649

Ion Ratio Lower Upper

56 100

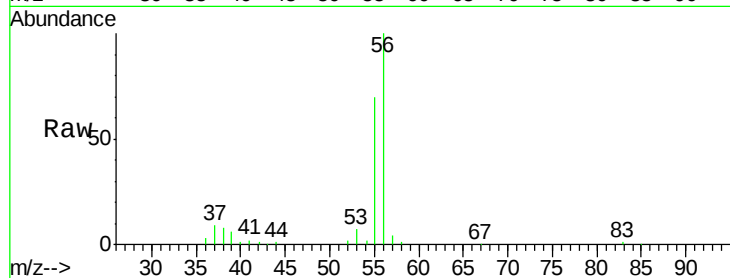
55 69.9 55.9 83.9

Manual Integrations

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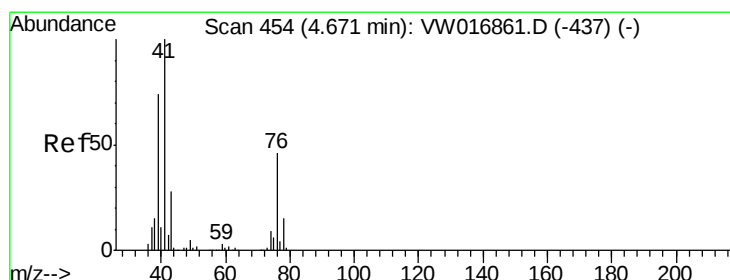
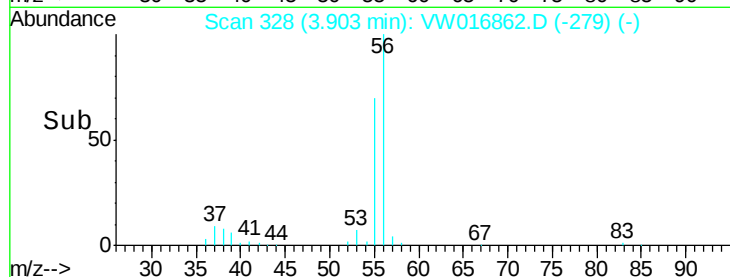
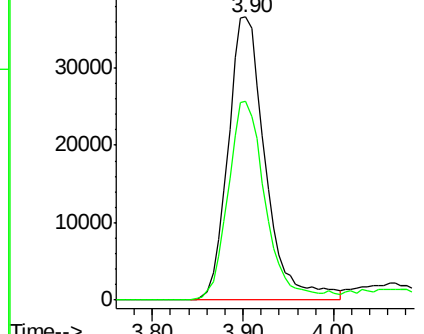
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 99.107 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

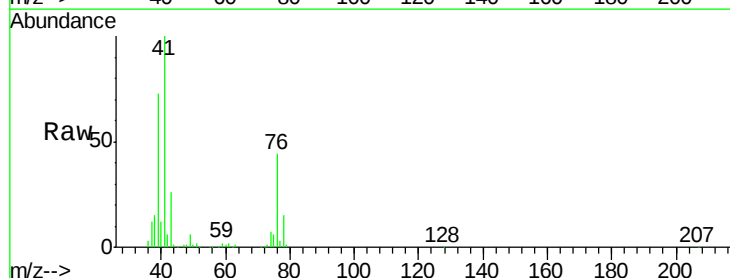
Tgt Ion: 41 Resp: 373259

Ion Ratio Lower Upper

41 100

39 71.8 57.8 86.8

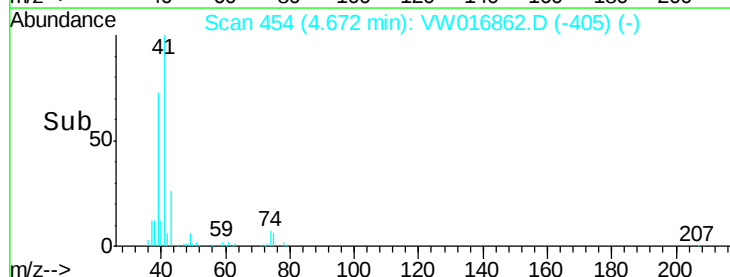
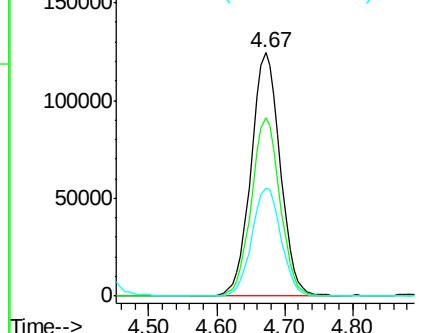
76 44.0 35.1 52.7

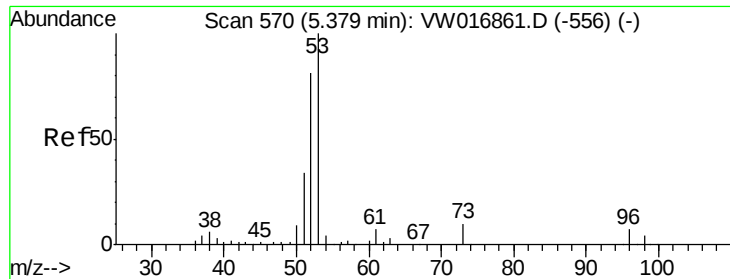


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 500.181 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

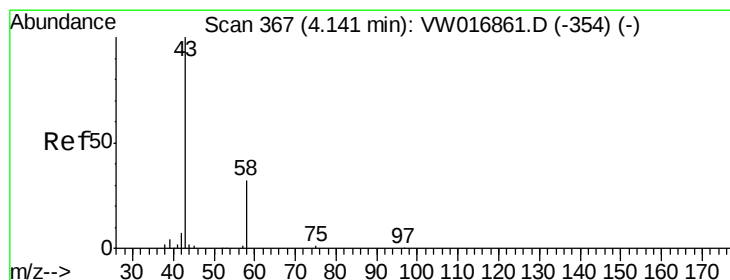
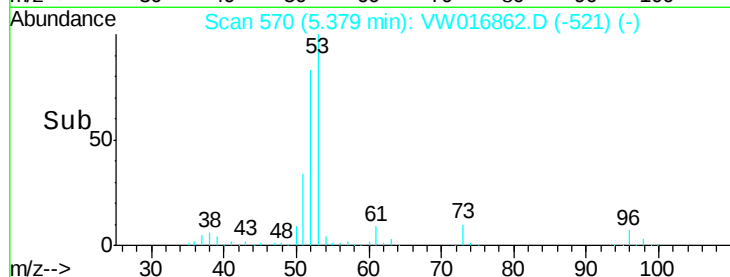
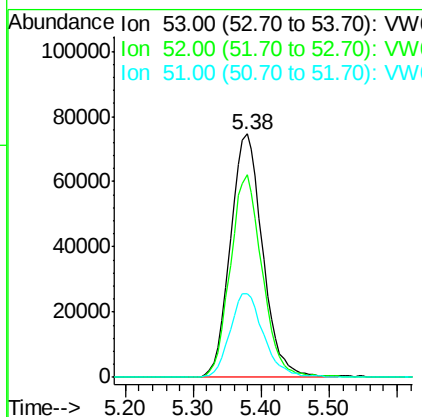
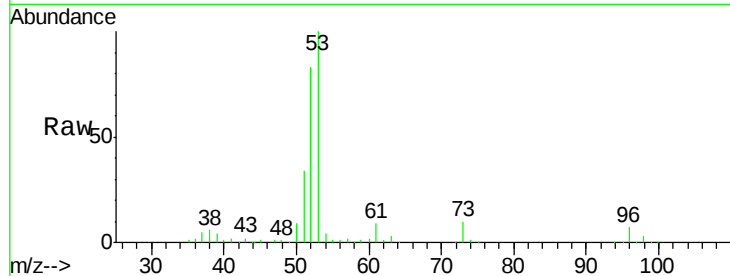
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	246174
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.0	97.4
51	36.1	29.1	43.7

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#16

Acetone

Concen: 490.320 ug/l

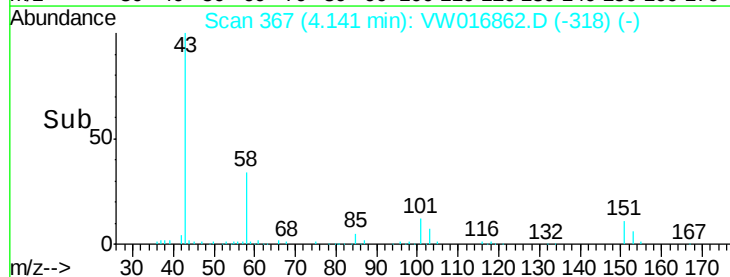
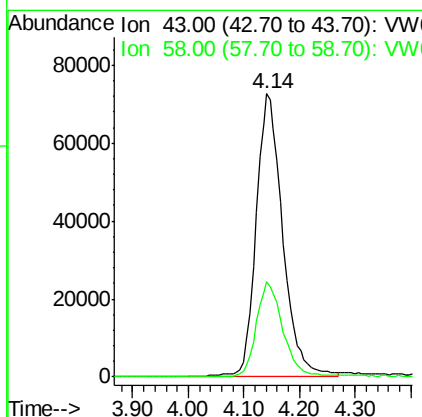
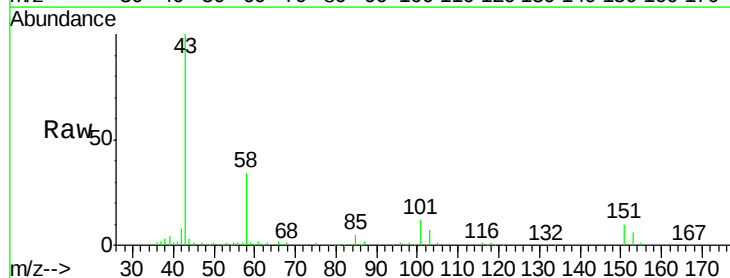
RT: 4.14 min Scan# 367

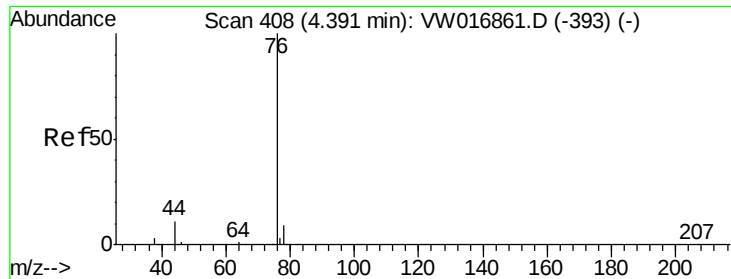
Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion:	43	Resp:	242860
Ion Ratio	Lower	Upper	
43	100		
58	33.4	25.7	38.5





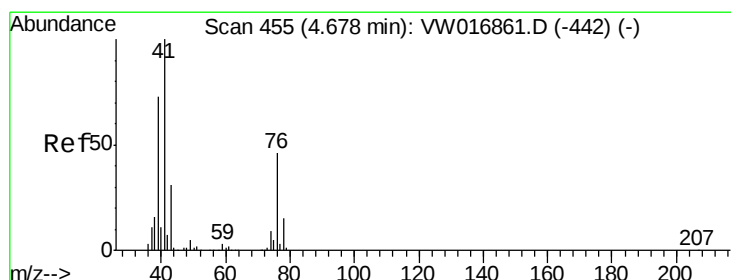
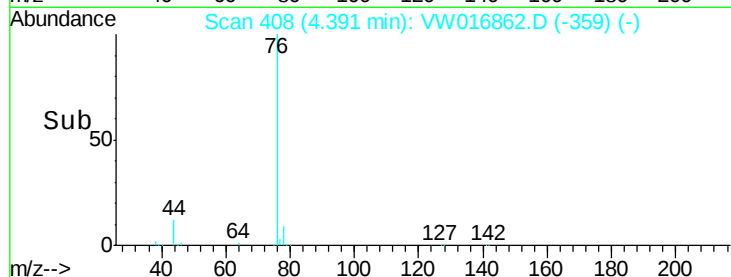
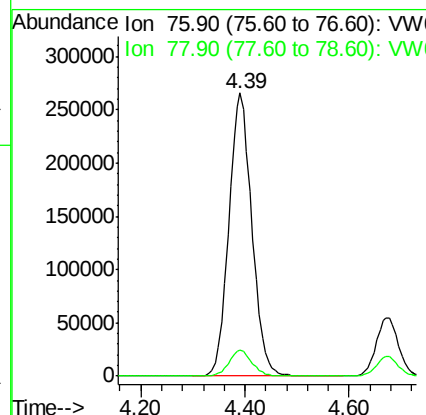
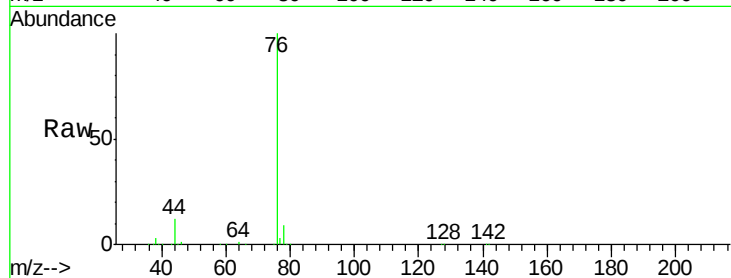
#17
Carbon Disulfide
Concen: 98.332 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

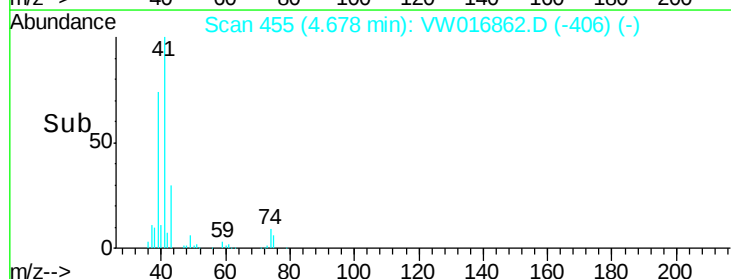
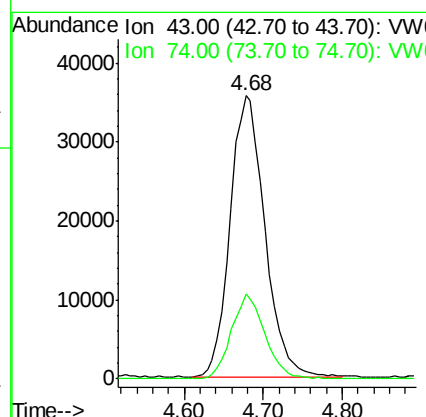
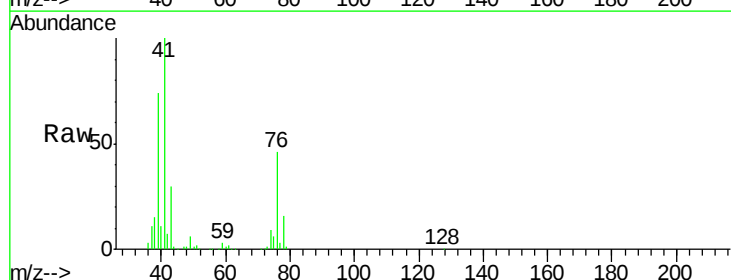
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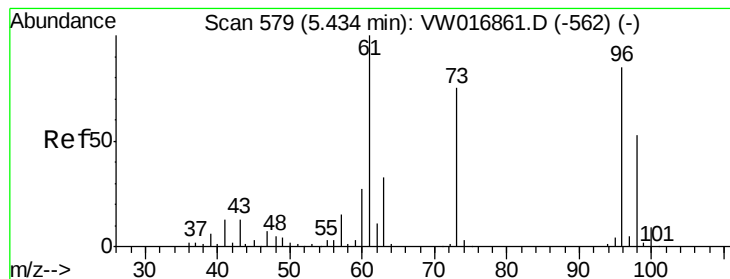
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#18
Methyl Acetate
Concen: 96.142 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	23.8	35.6





#19

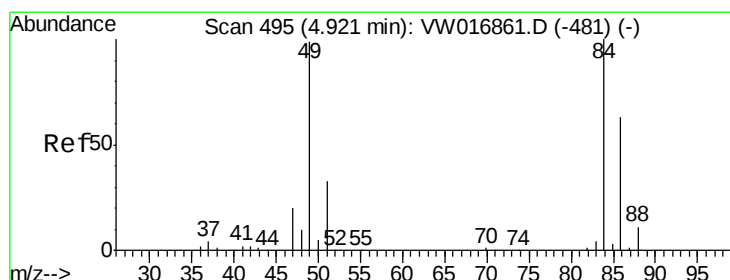
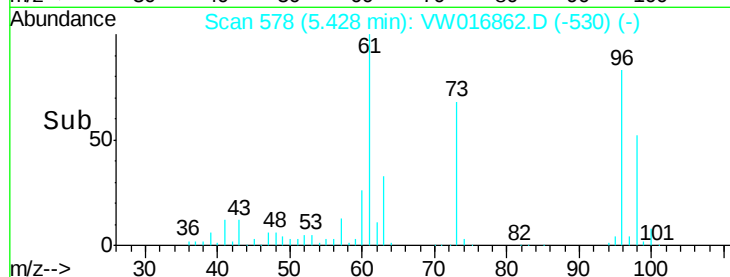
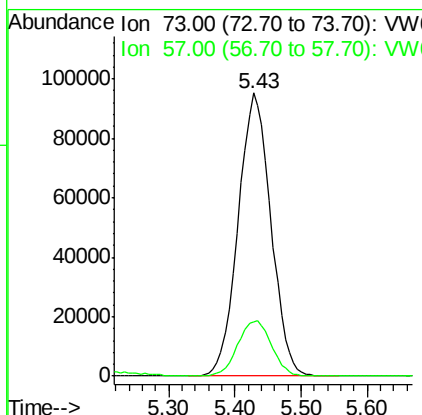
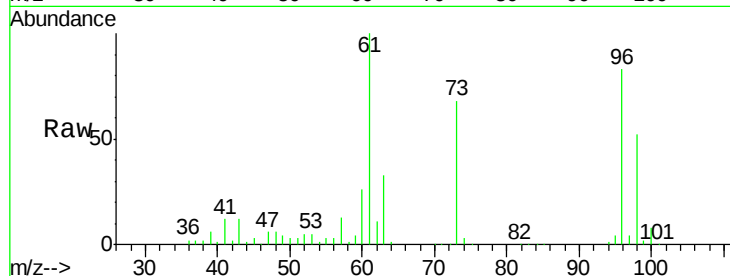
Methyl tert-butyl Ether
 Concen: 96.417 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.3	16.1	24.1

Manual Integrations
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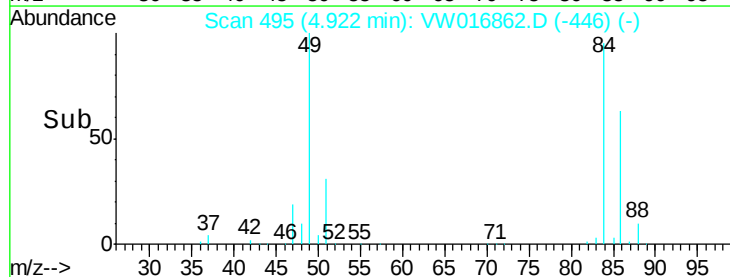
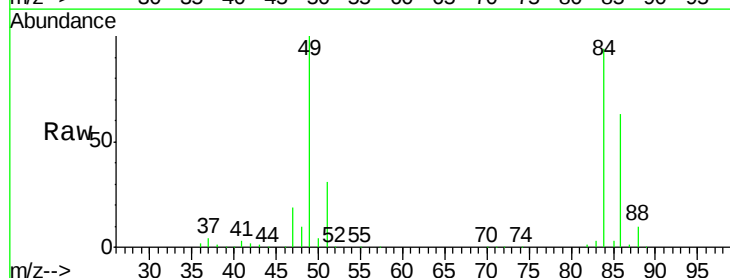
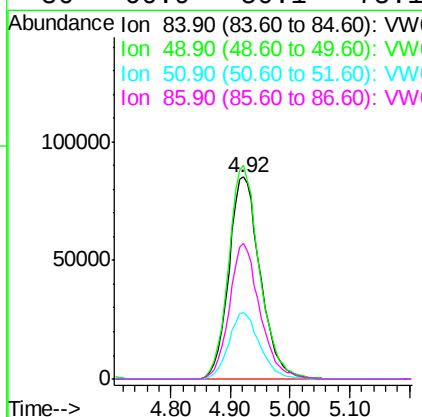
apatel
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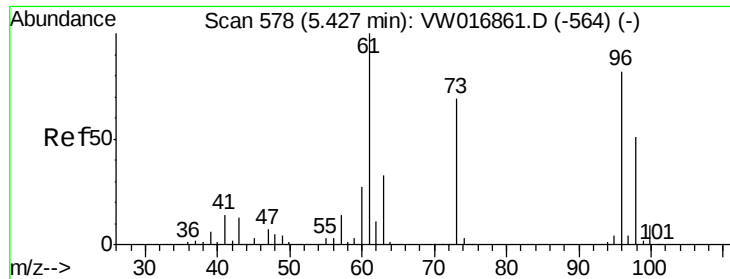


#20

Methylene Chloride
 Concen: 79.406 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.8	79.0	118.6
51	32.8	26.1	39.1
86	66.9	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 96.837 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

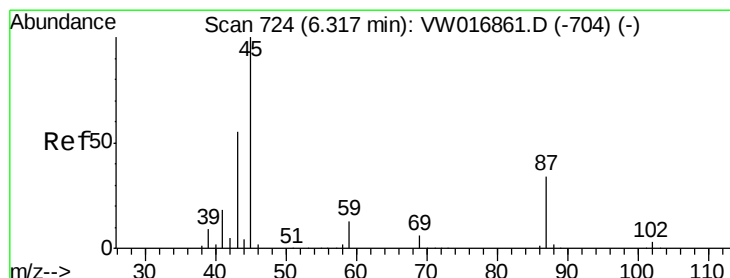
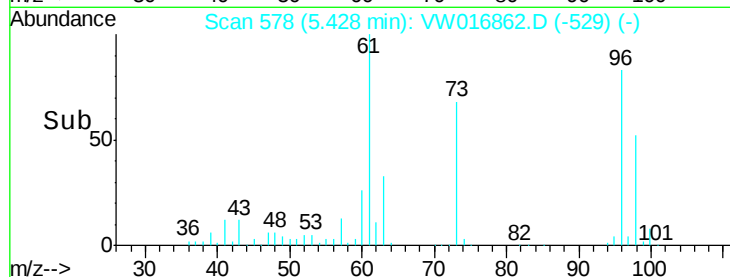
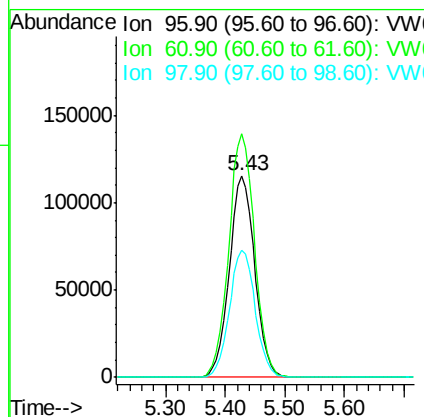
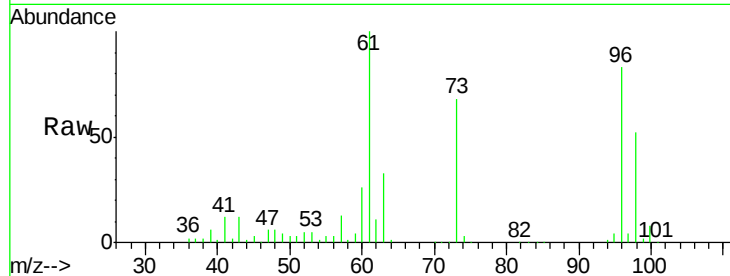
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	342041
Ion Ratio	Lower	Upper	
96	100		
61	120.7	97.4	146.0
98	62.7	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 95.837 ug/l

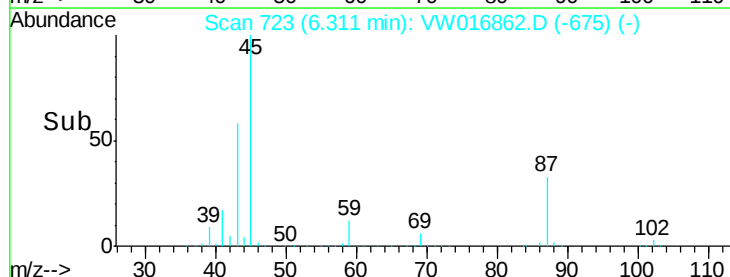
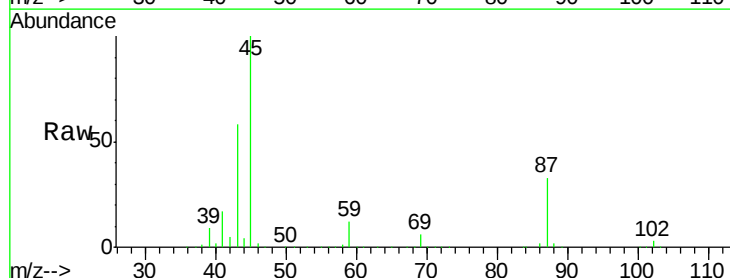
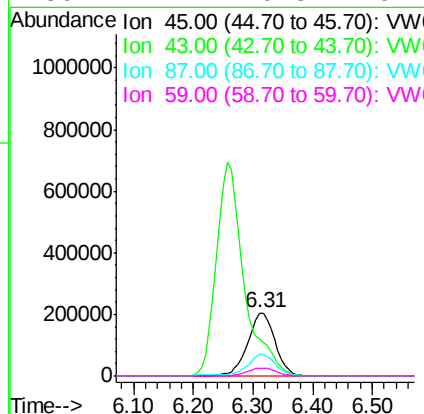
RT: 6.31 min Scan# 723

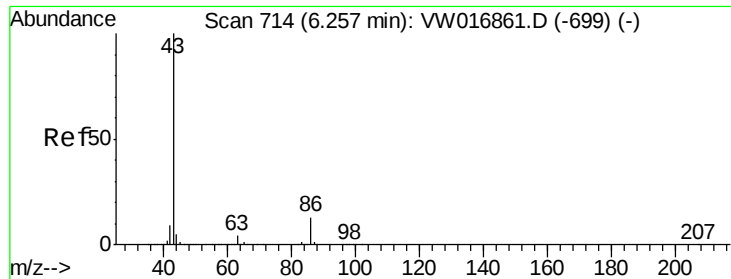
Delta R.T. -0.01 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion:	45	Resp:	655999
Ion Ratio	Lower	Upper	
45	100		
43	57.5	43.8	65.8
87	33.4	27.6	41.4
59	12.2	10.8	16.2





#23

Vinyl Acetate

Concen: 510.786 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2240331

Ion Ratio Lower Upper

43 100

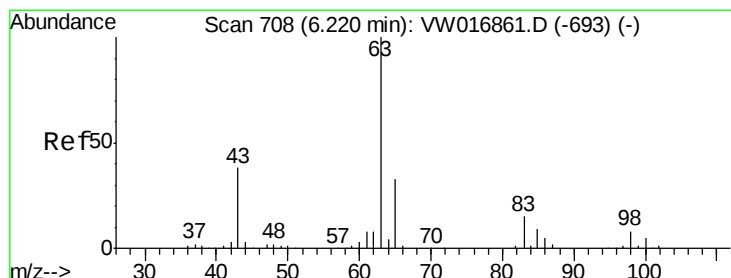
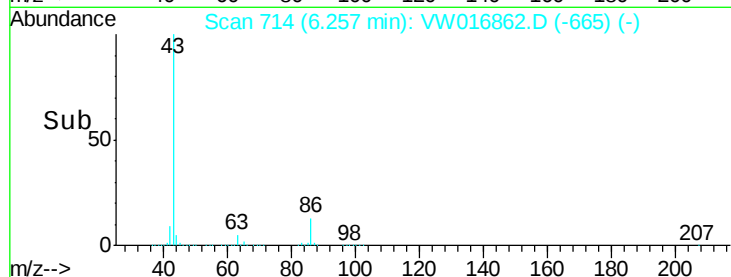
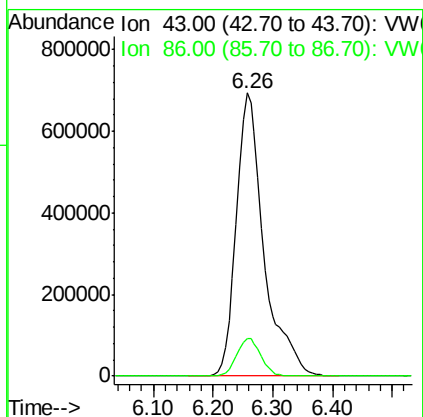
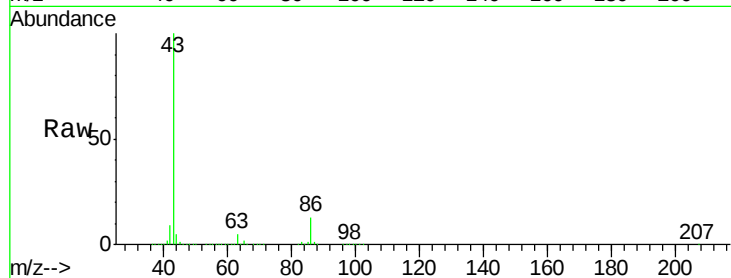
86 13.3 10.2 15.4

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#24

1,1-Dichloroethane

Concen: 95.948 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

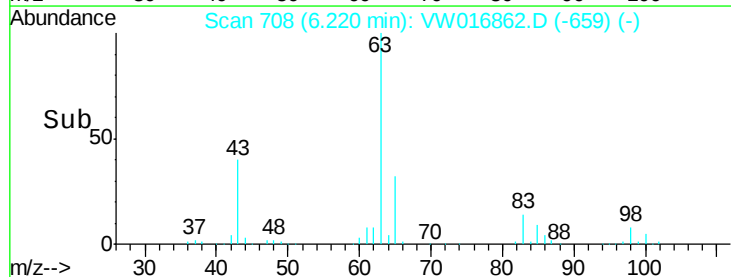
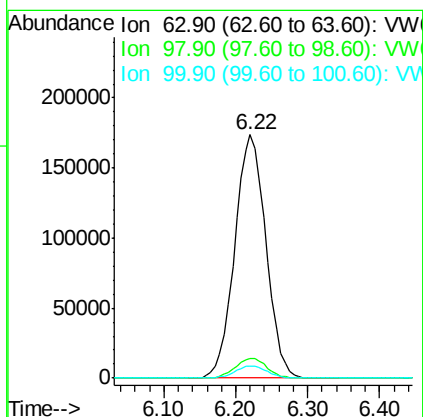
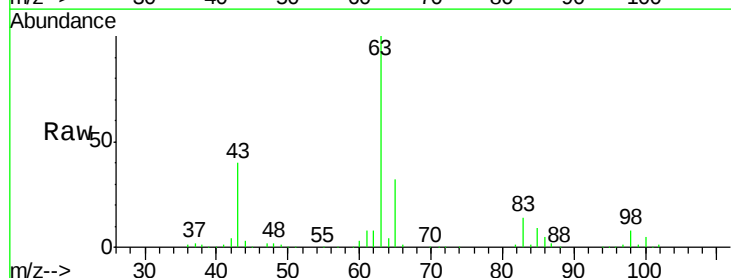
Tgt Ion: 63 Resp: 520780

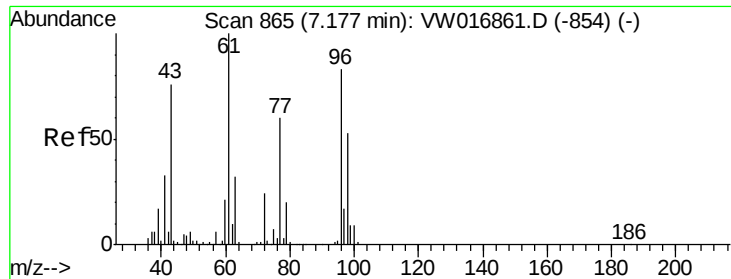
Ion Ratio Lower Upper

63 100

98 8.1 4.2 12.6

100 5.0 2.6 7.8





#25

2-Butanone

Concen: 495.923 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 327471

Ion Ratio Lower Upper

43 100

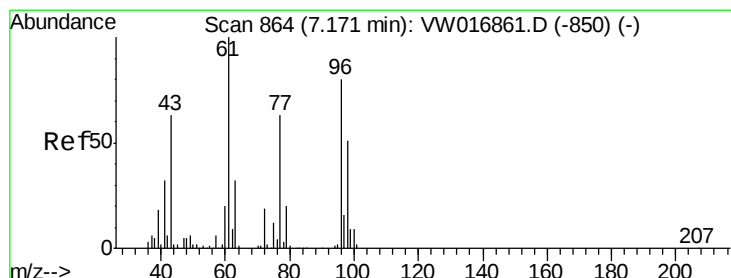
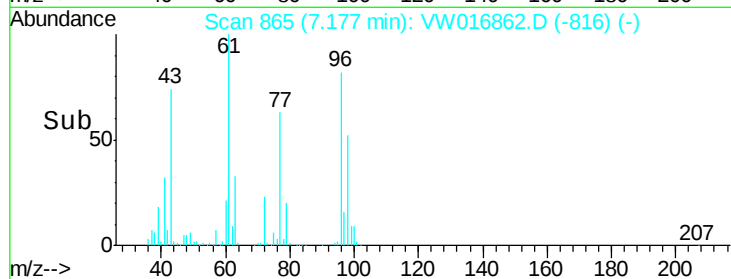
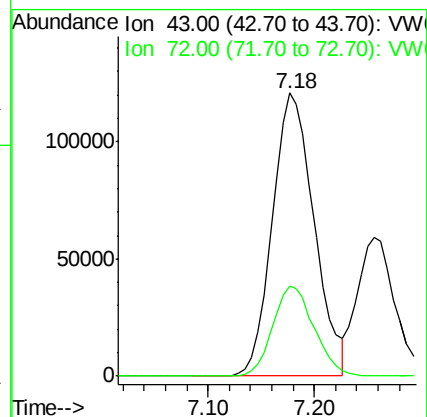
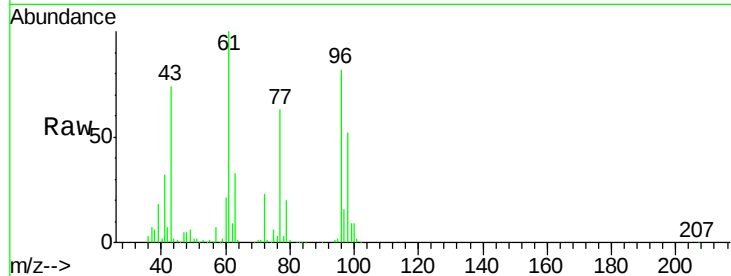
72 31.7 25.4 38.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 95.210 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016862.D

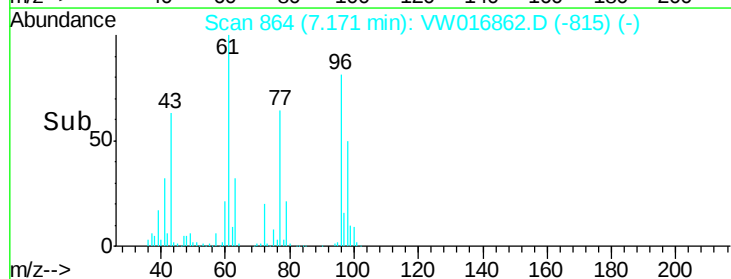
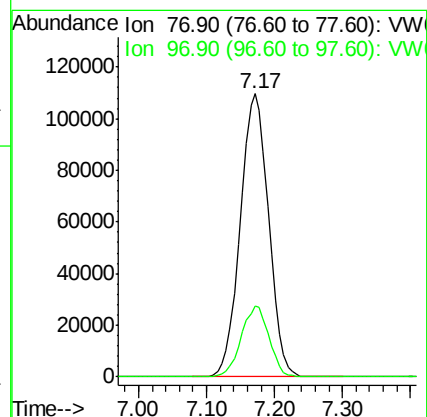
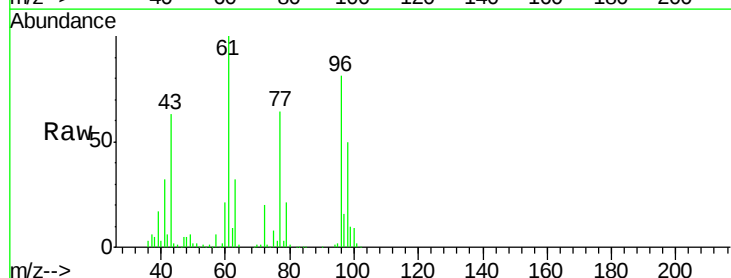
Acq: 09 Oct 2020 15:23

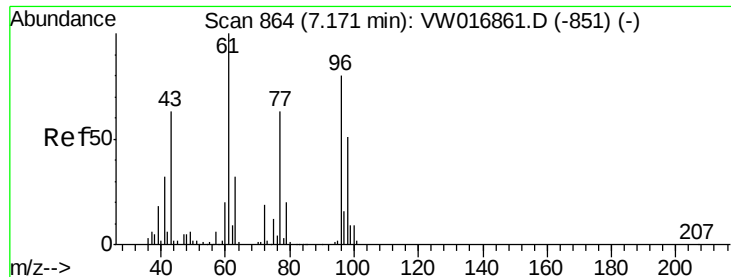
Tgt Ion: 77 Resp: 316170

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4





#27

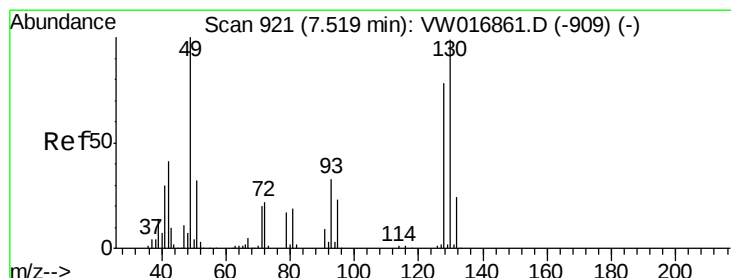
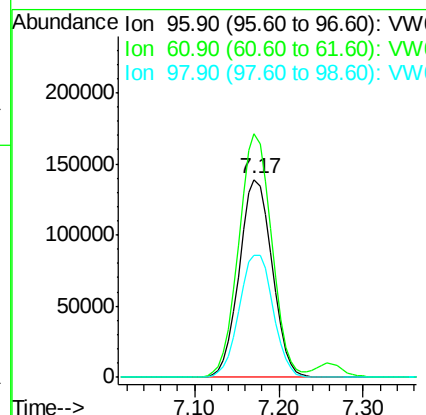
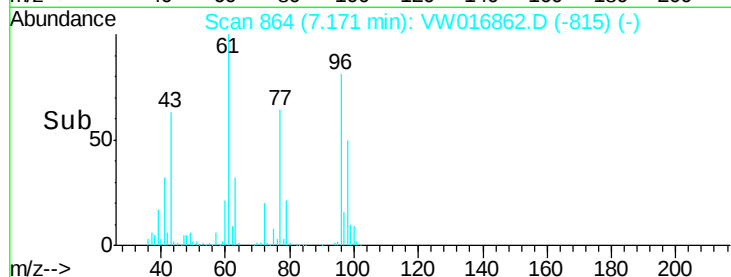
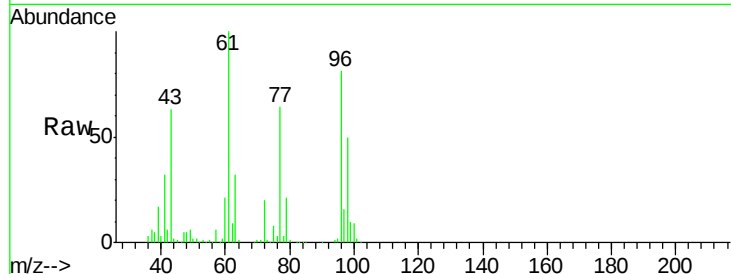
cis-1,2-Dichloroethene
Concen: 96.922 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	366661		
61	123.7		0.0	249.6
98	64.0		0.0	129.4

Manual Integrations
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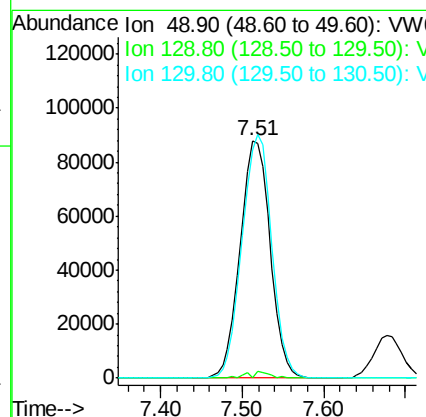
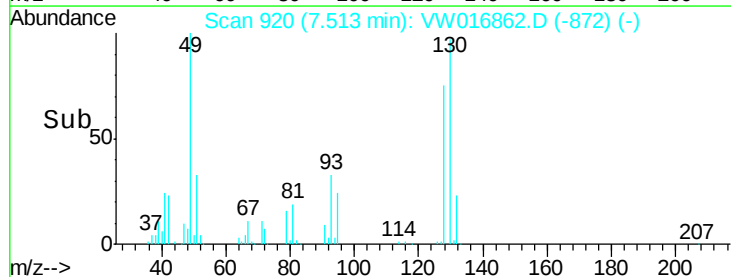
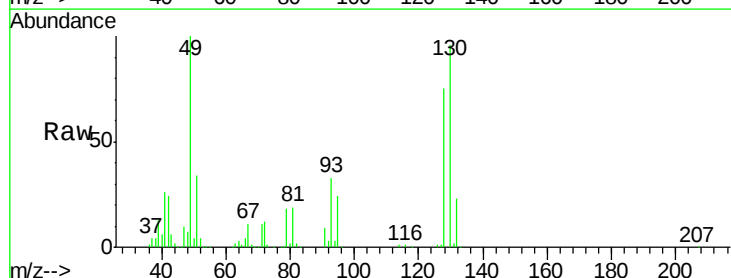
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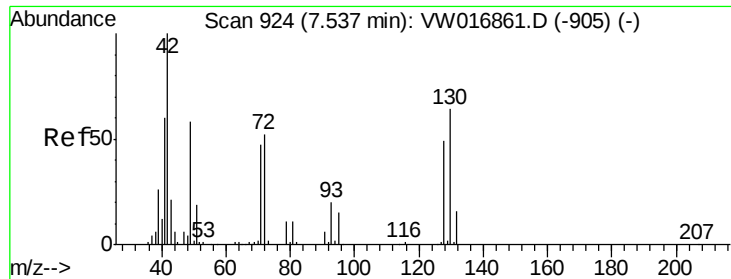


#28

Bromochloromethane
Concen: 103.290 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	224379		
129	1.3		0.0	4.8
130	101.7		81.3	121.9





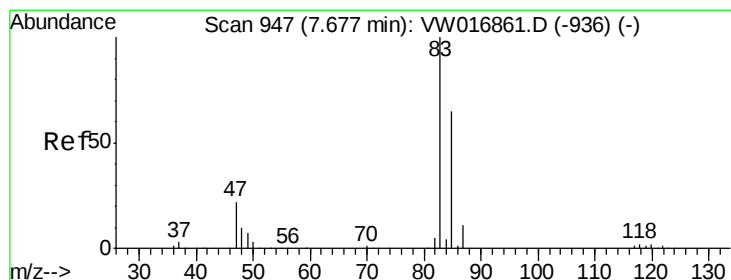
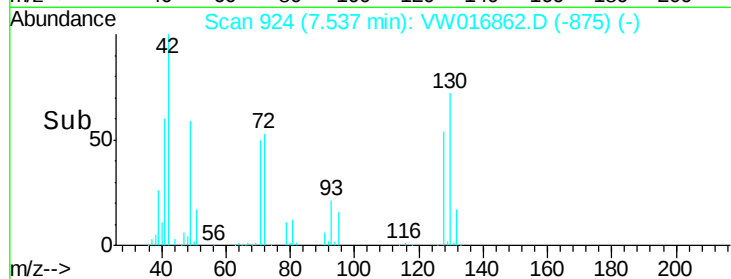
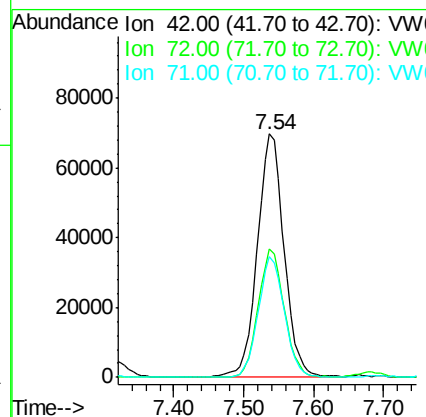
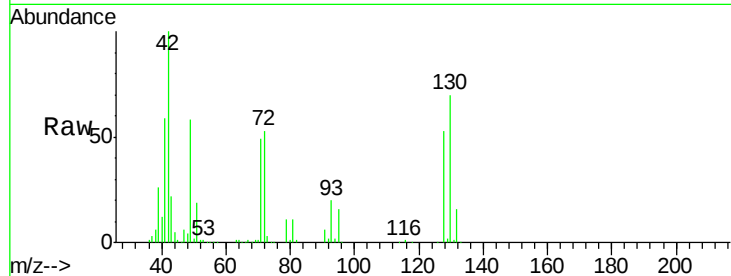
#29
Tetrahydrofuran
Concen: 498.385 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
42	100	184336		
72	51.6		42.0	63.0
71	48.5		39.0	58.6

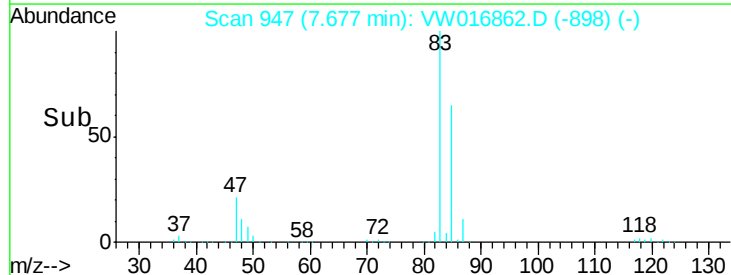
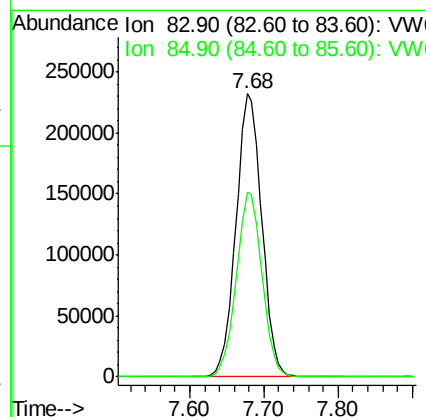
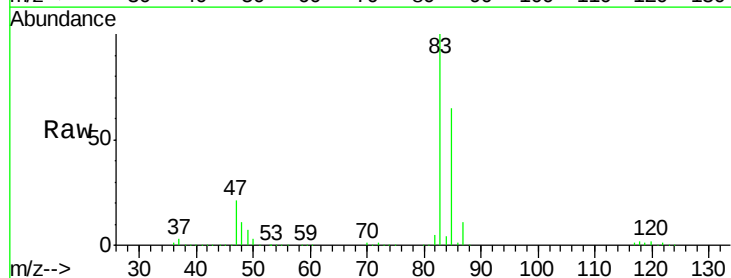
Manual Integrations
APPROVED

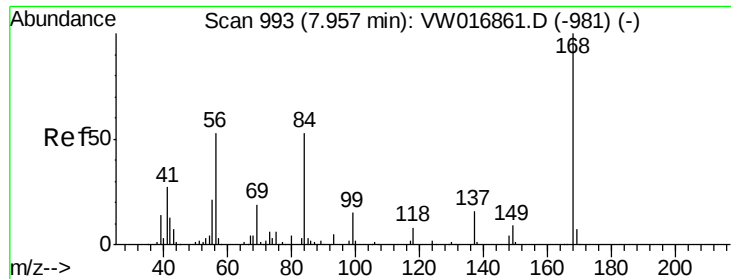
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#30
Chloroform
Concen: 95.515 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	563595		
85	65.1		51.7	77.5





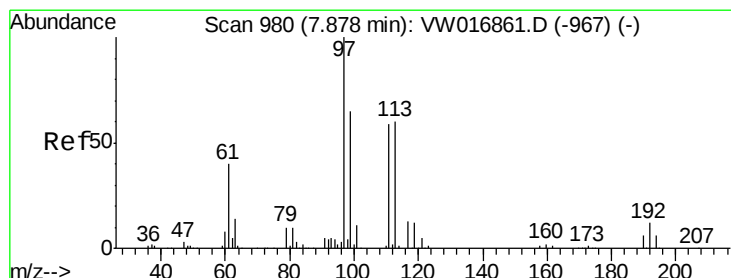
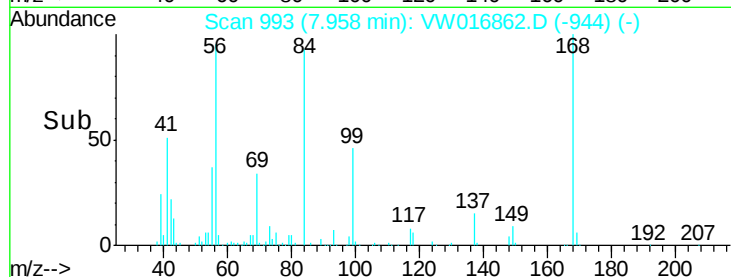
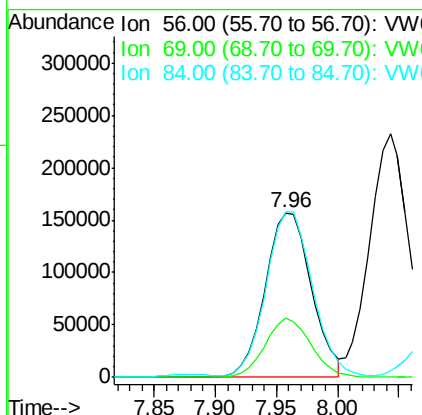
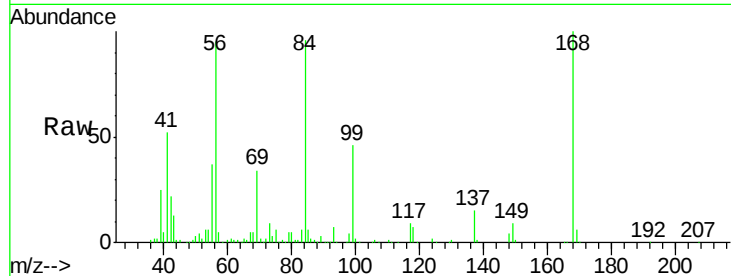
#31
Cyclohexane
Concen: 89.475 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	29.3	43.9
84	98.9	80.5	120.7

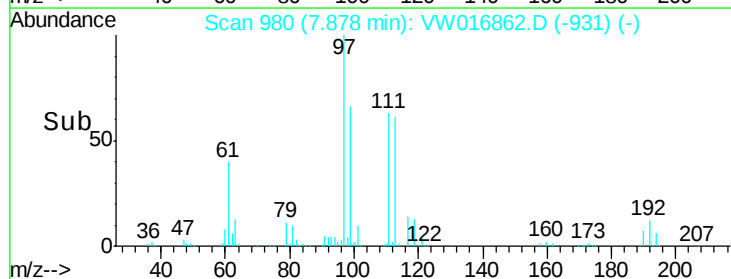
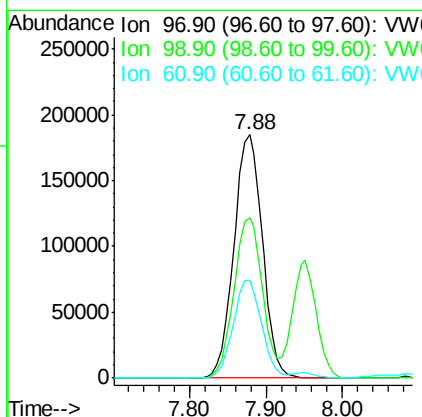
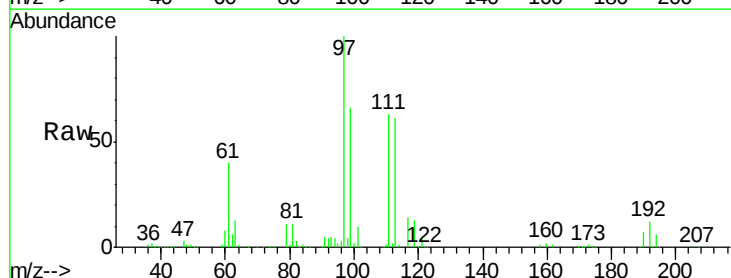
Manual Integrations
APPROVED

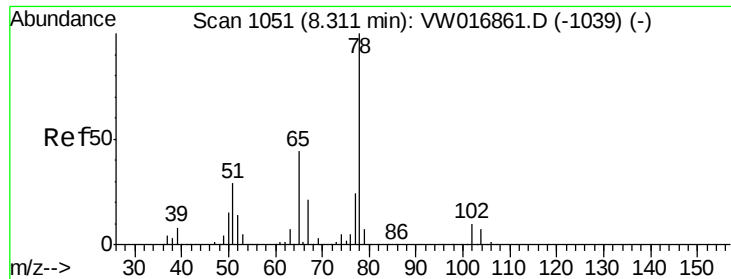
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#32
1,1,1-Trichloroethane
Concen: 95.736 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.4	78.6
61	39.9	31.9	47.9





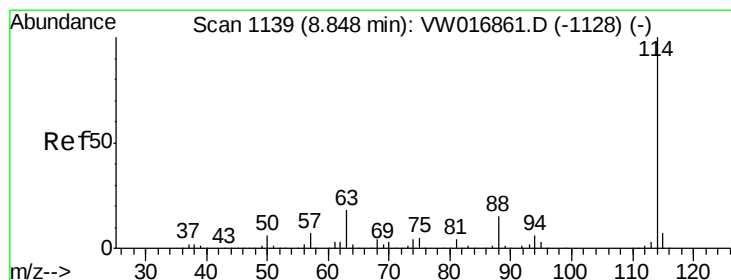
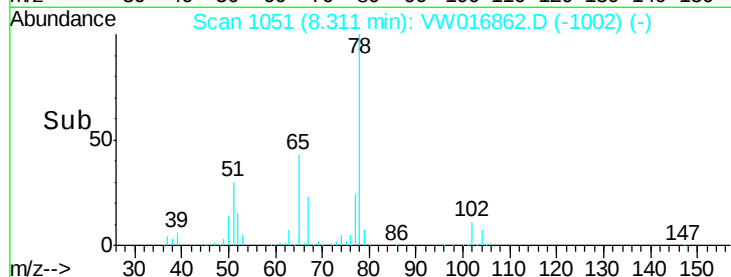
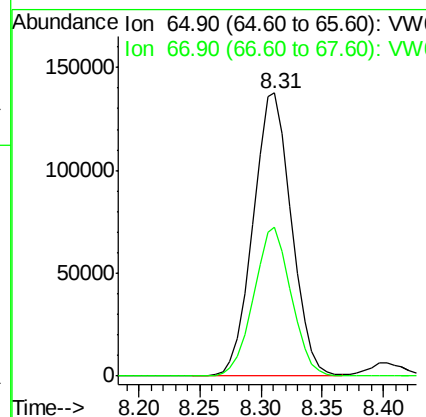
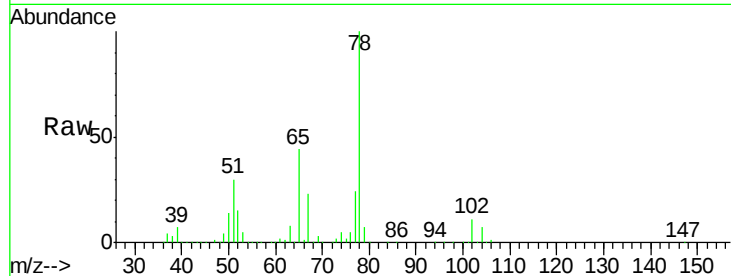
#33
 1,2-Dichloroethane-d4
 Concen: 98.116 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	103.8	

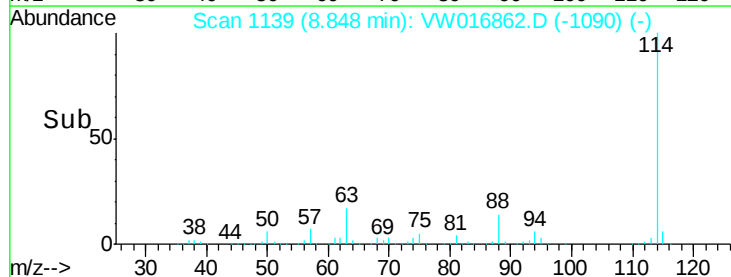
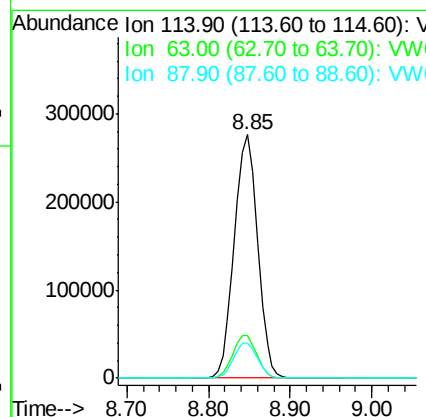
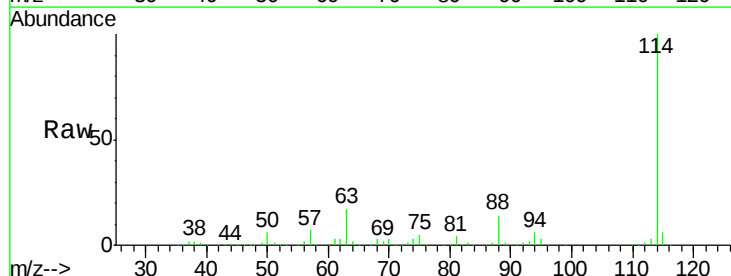
Manual Integrations
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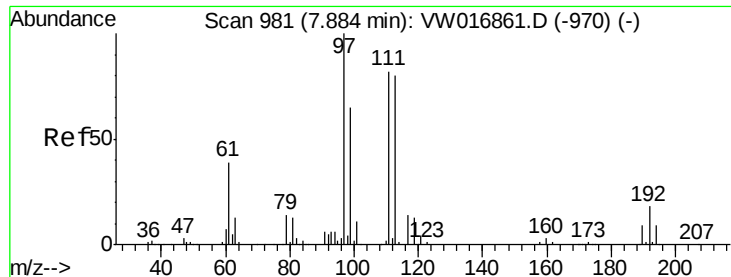
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.4	0.0	35.6	
88	14.3	0.0	30.4	





#35

Dibromofluoromethane

Concen: 96.280 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

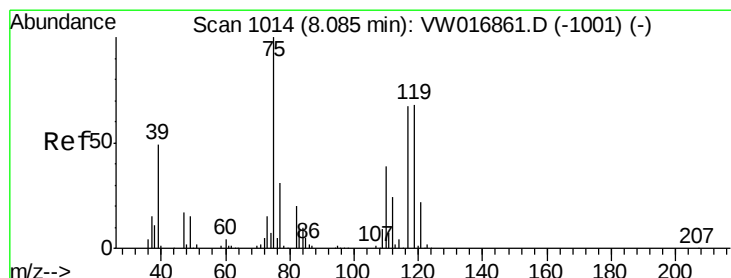
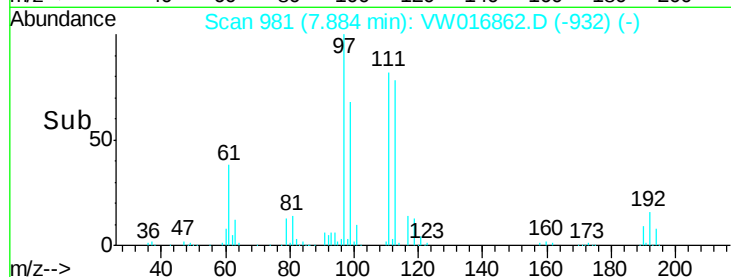
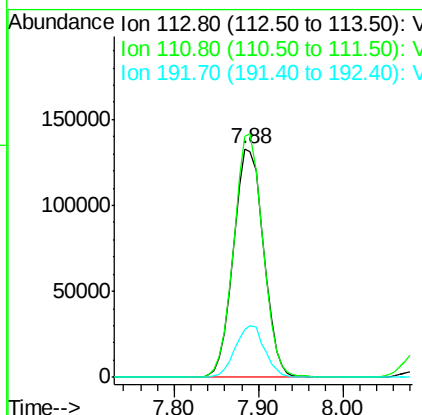
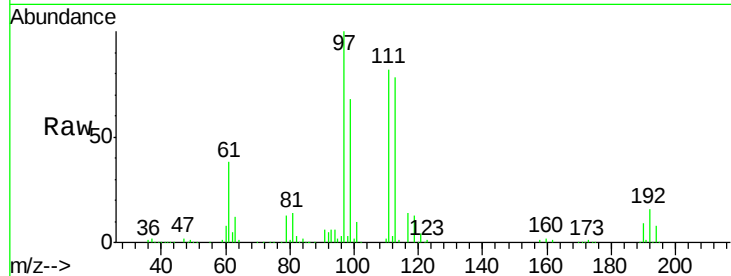
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	321828
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.2
192	22.0	17.8	26.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 95.082 ug/l

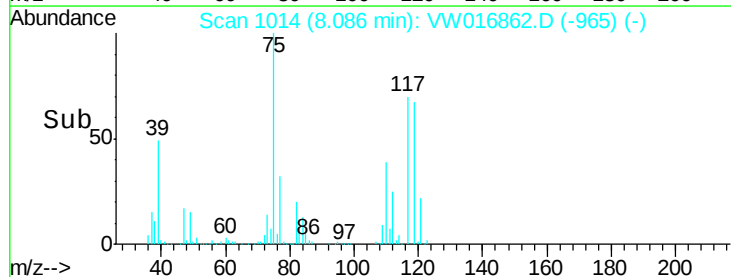
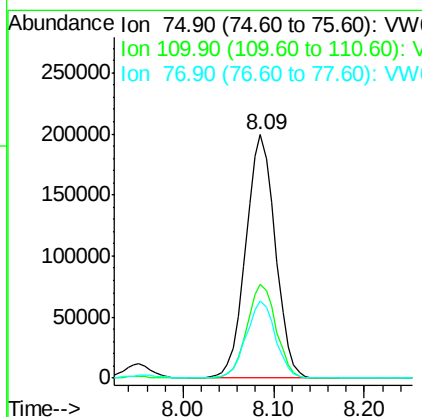
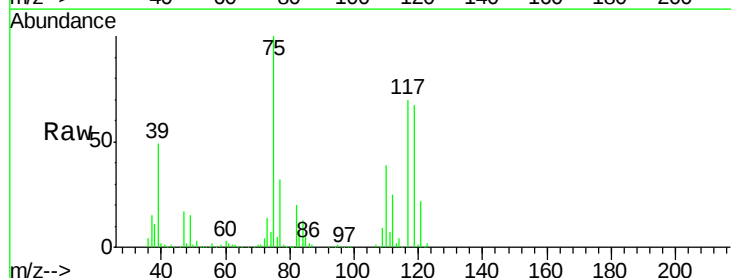
RT: 8.09 min Scan# 1014

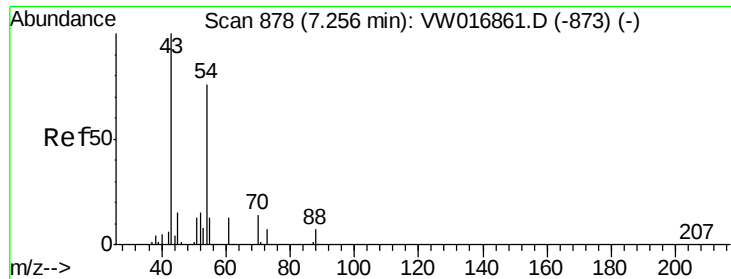
Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion:	75	Resp:	448381
Ion Ratio	Lower	Upper	
75	100		
110	38.1	19.3	57.9
77	31.6	25.0	37.6





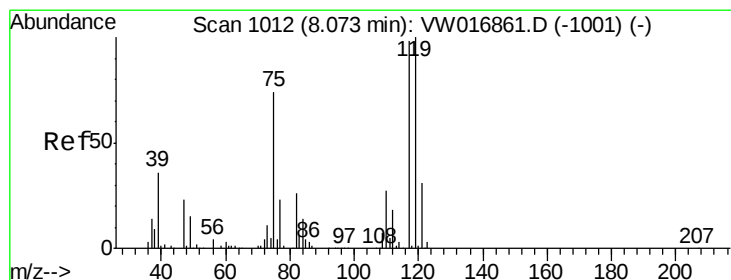
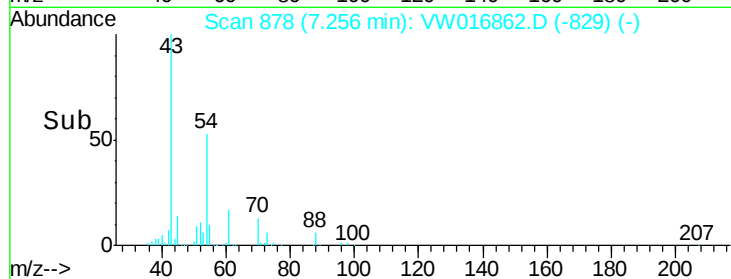
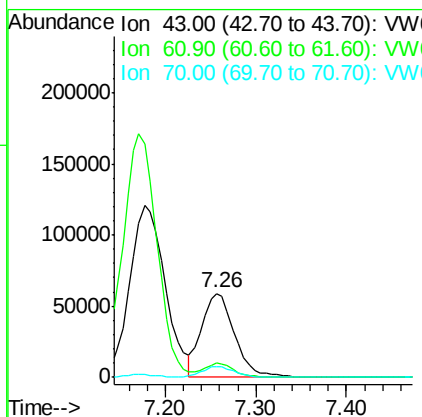
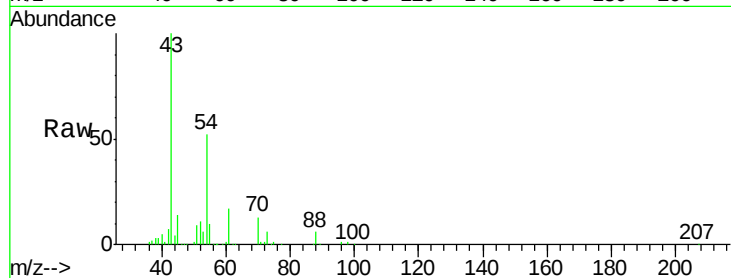
#37
Ethyl Acetate
Concen: 96.767 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	15.4	12.0	18.0	
70	13.0	9.9	14.9	

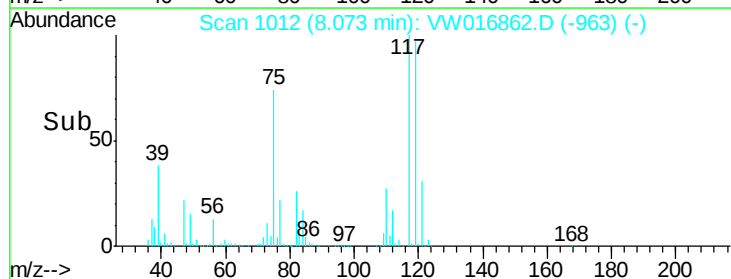
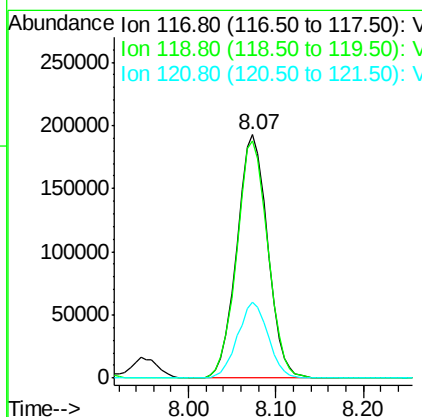
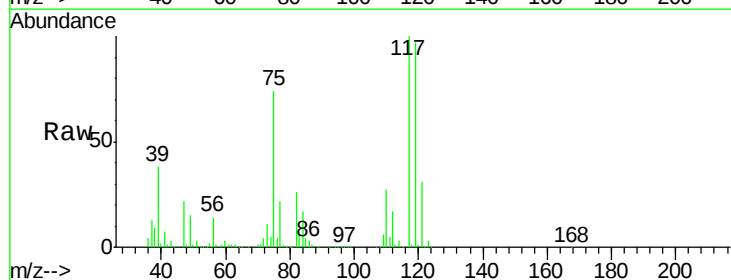
Manual Integrations
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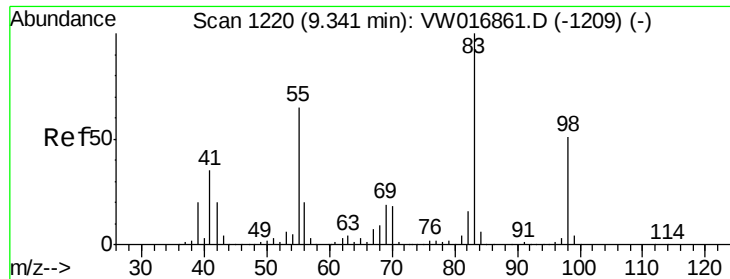
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#38
Carbon Tetrachloride
Concen: 96.139 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	81.6	122.4	
121	31.4	25.7	38.5	





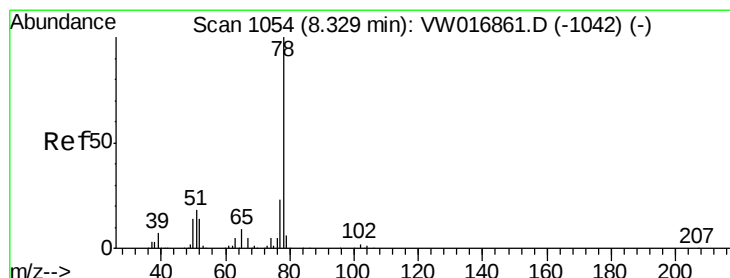
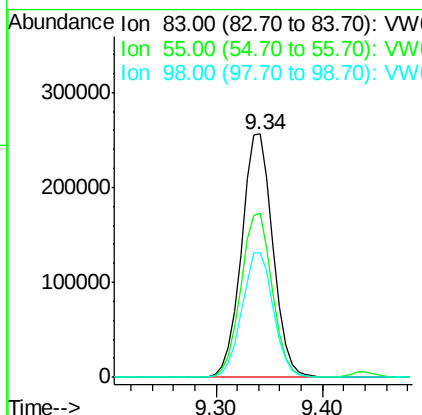
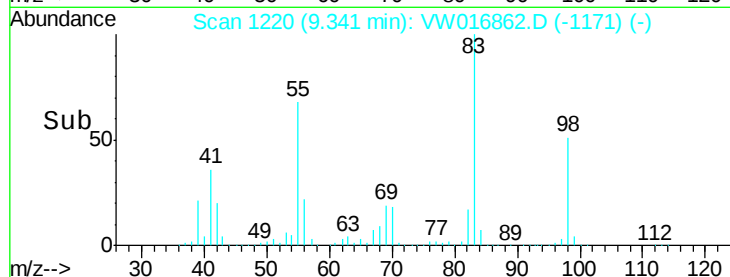
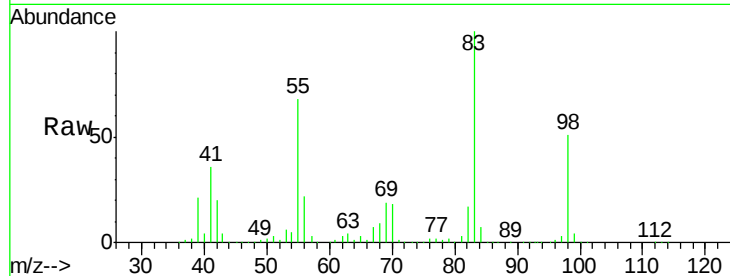
#39
Methvlcvclohexane
Concen: 98.352 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	528779
Ion Ratio	100	Lower	Upper
83	100		
55	67.6	51.7	77.5
98	51.2	41.0	61.4

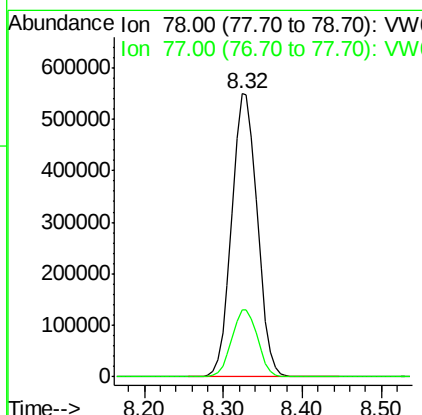
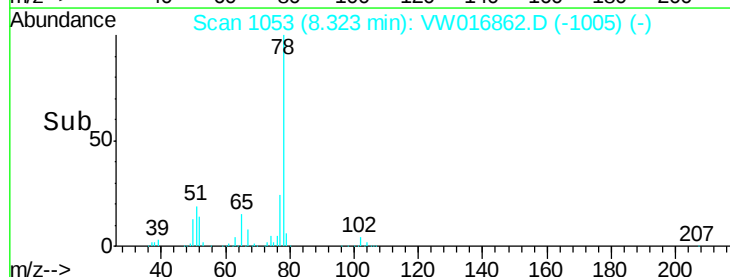
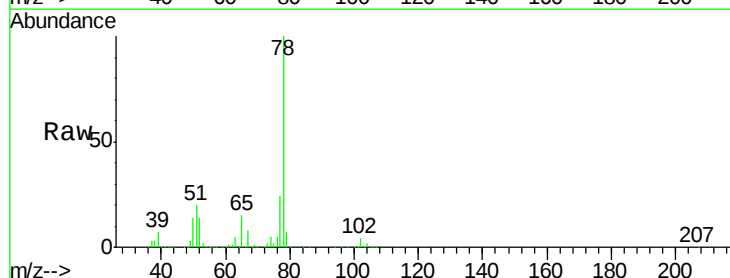
Manual Integrations
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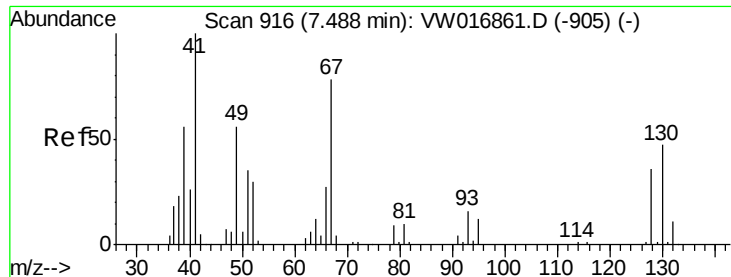
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#40
Benzene
Concen: 94.507 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	78	Resp	1241479
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	18.5	27.7





#41

Methacrylonitrile

Concen: 143.478 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

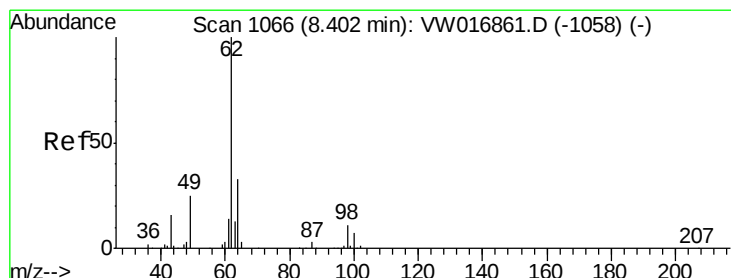
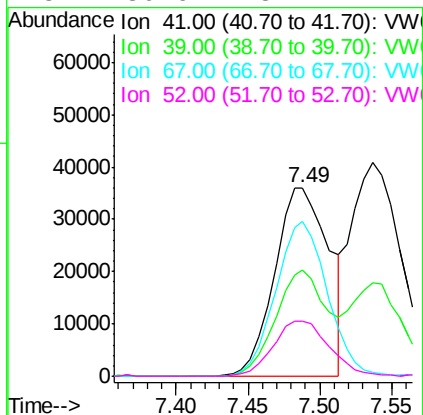
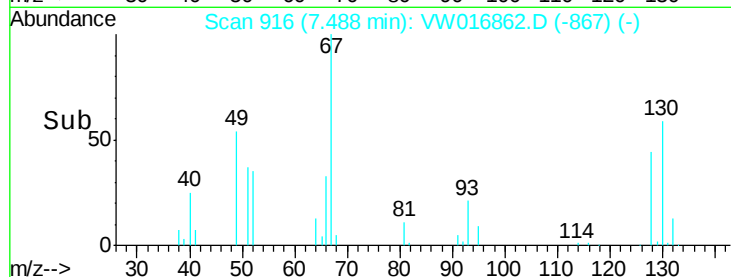
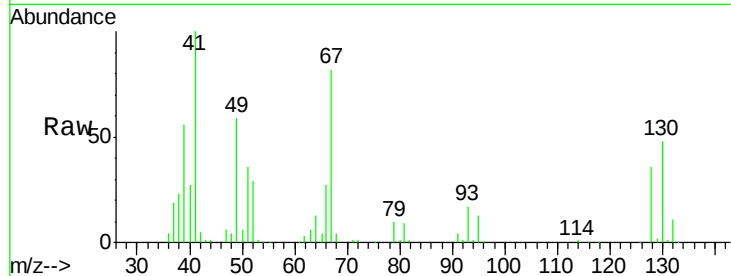
ClientSampleId :

VSTDIC100

Tot Ion:	41	Resp:	94830
Ion	Ratio	Lower	Upper
41	100		
39	53.6	47.0	70.6
67	78.2	68.6	102.8
52	30.6	28.1	42.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 94.628 ug/l

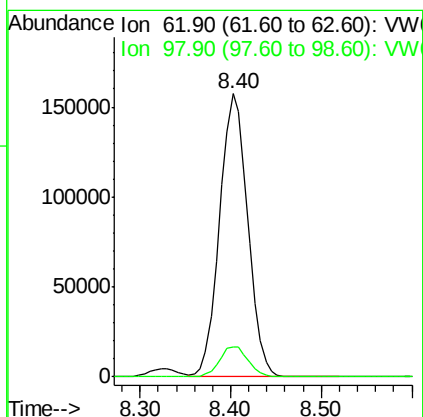
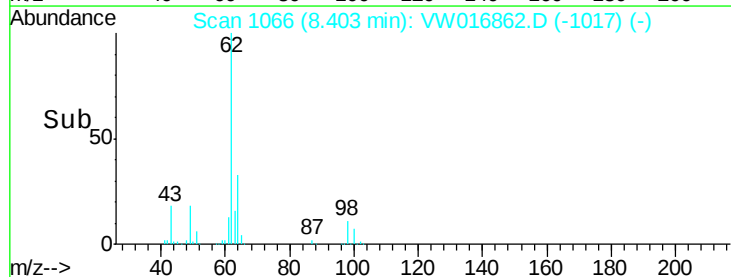
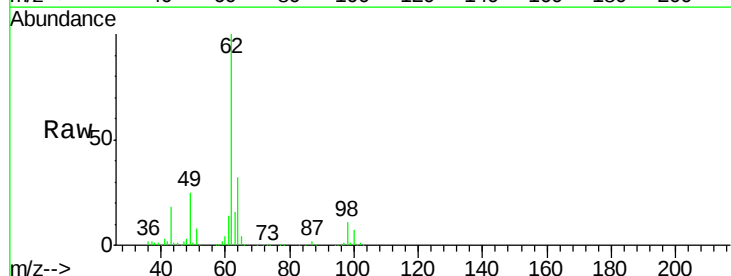
RT: 8.40 min Scan# 1066

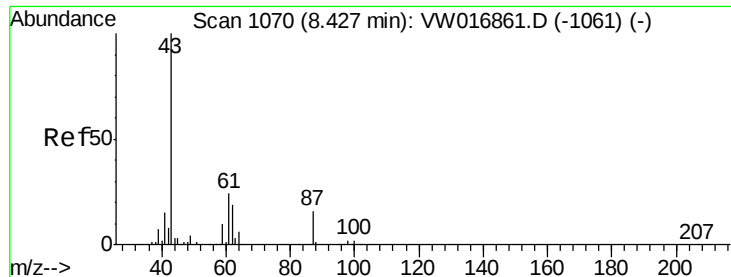
Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion:	62	Resp:	340027
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





#43

Isopropyl Acetate

Concen: 101.148 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

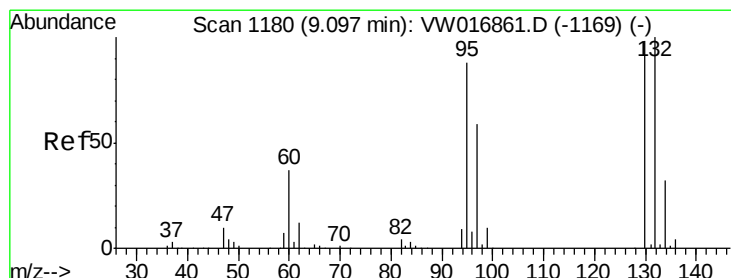
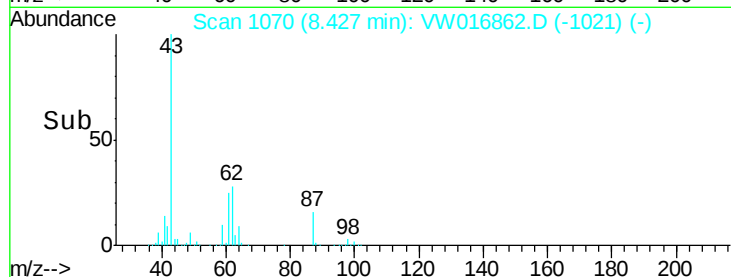
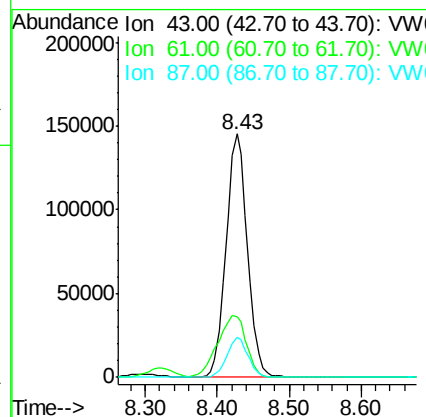
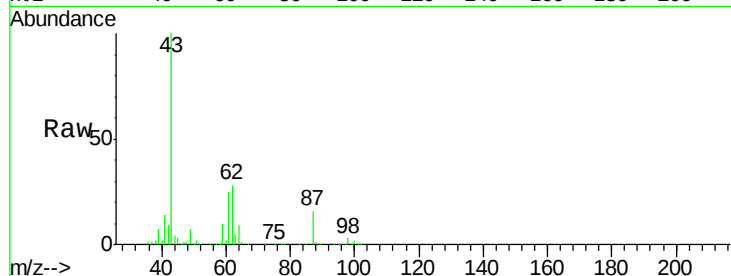
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	298472
Ion Ratio	Lower	Upper	
43	100		
61	34.1	27.5	41.3
87	16.2	13.6	20.4

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#44

Trichloroethene

Concen: 94.425 ug/l

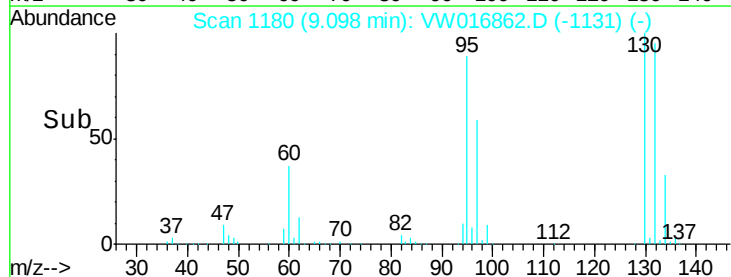
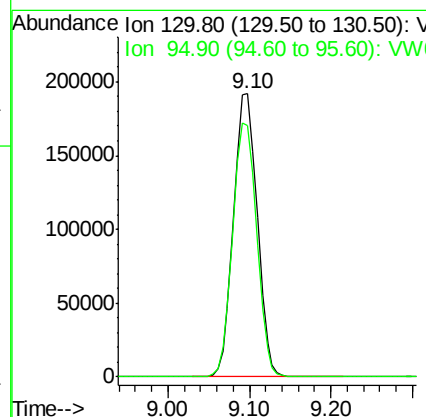
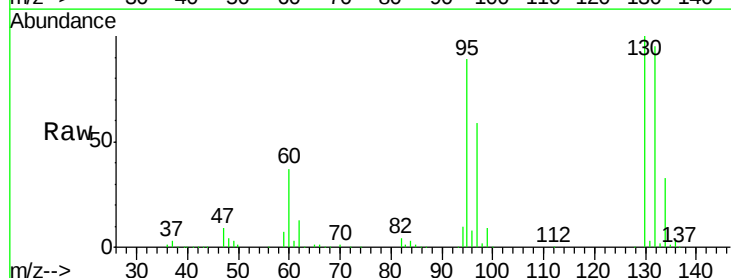
RT: 9.10 min Scan# 1180

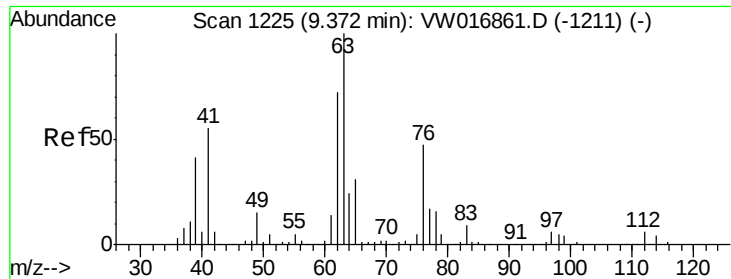
Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion:	130	Resp:	383926
Ion Ratio	Lower	Upper	
130	100		
95	88.7	0.0	180.2





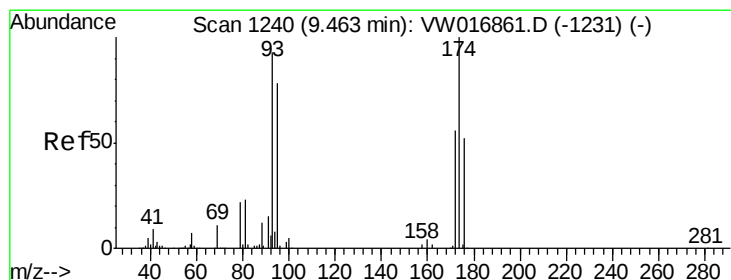
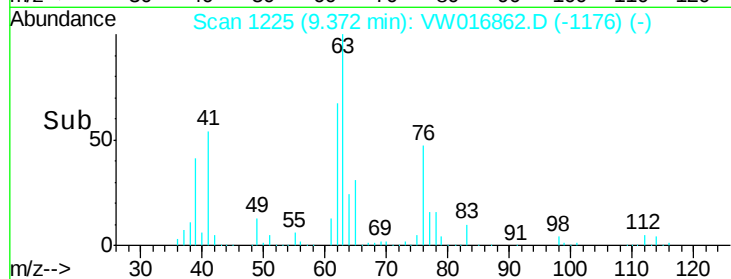
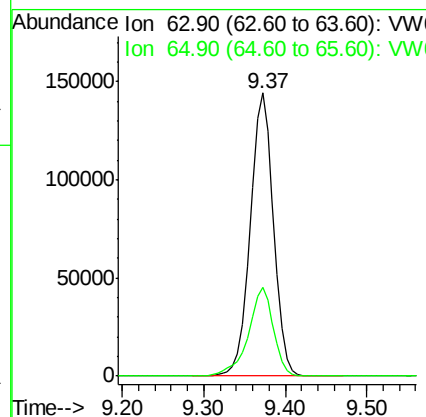
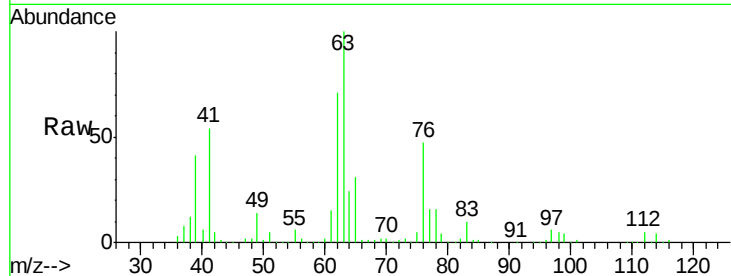
#45
 1,2-Dichloropropane
 Concen: 95.143 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.1	37.7

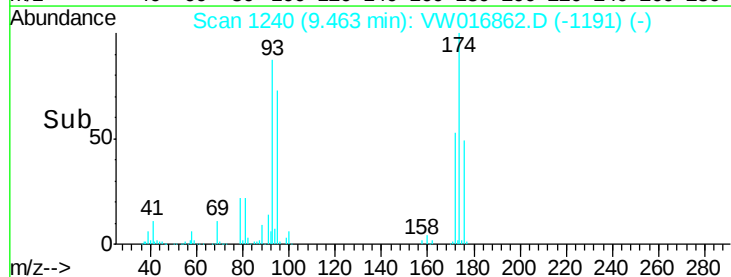
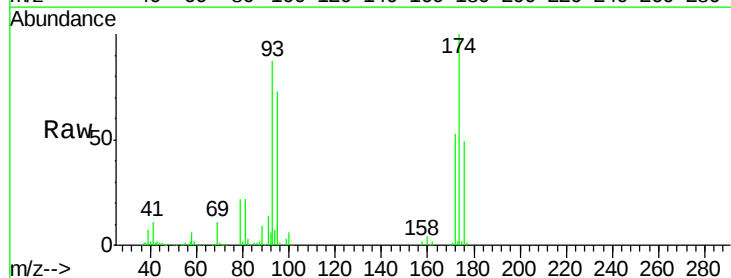
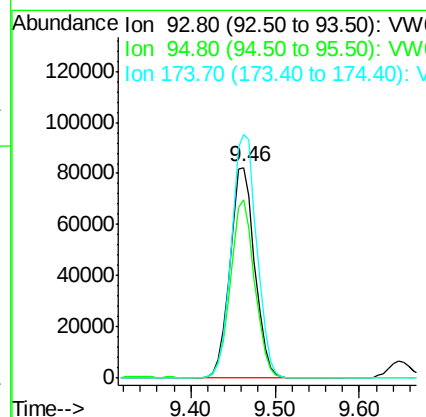
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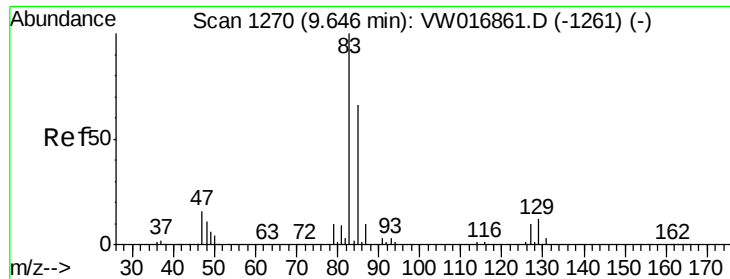
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#46
 Dibromomethane
 Concen: 96.334 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.5	99.7
174	117.8	91.0	136.6





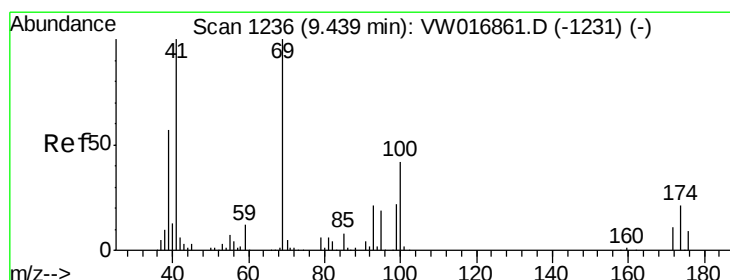
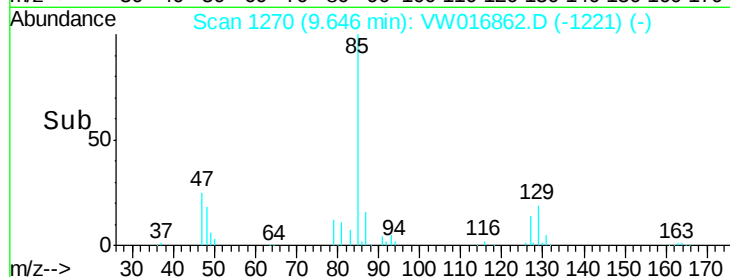
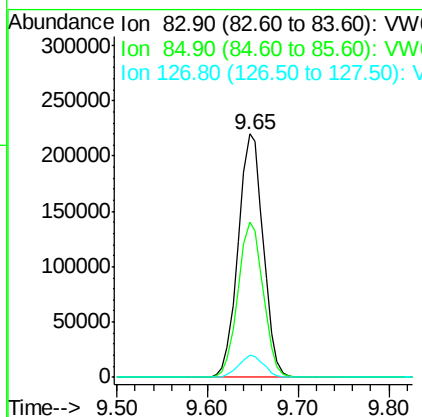
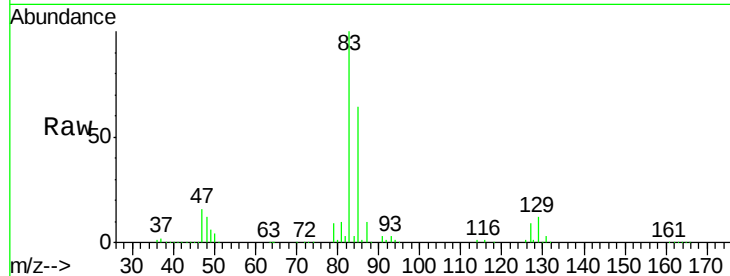
#47
Bromodichloromethane
Concen: 98.678 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	83	Resp	420405
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	52.7	79.1
127	9.2	7.8	11.6

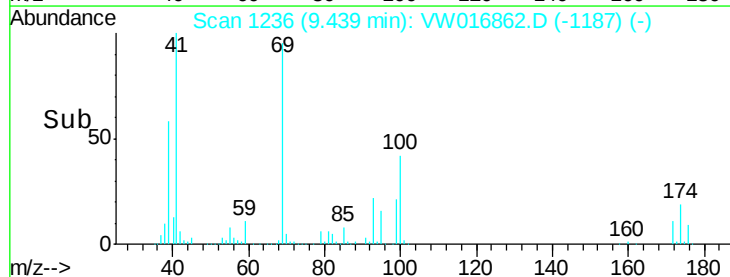
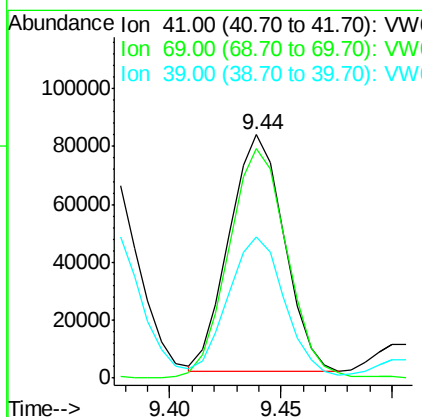
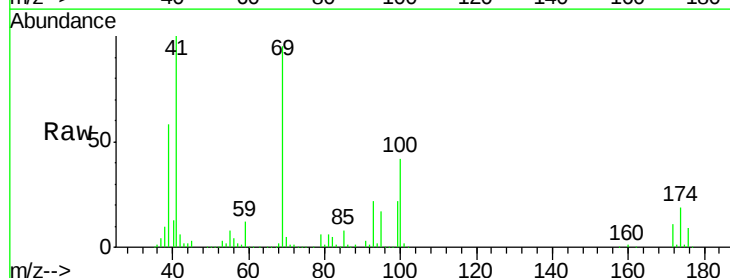
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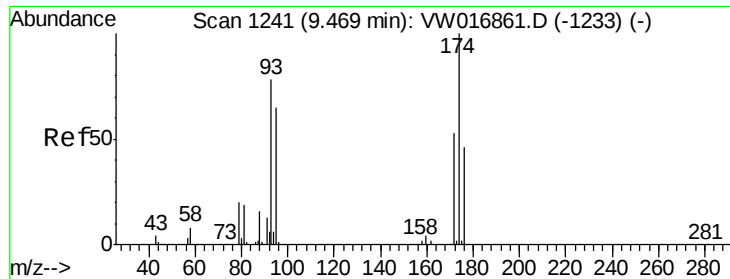
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#48
Methyl methacrylate
Concen: 103.175 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	41	Resp	140297
Ion Ratio	100	Lower	Upper
41	100		
69	103.7	83.5	125.3
39	59.0	50.9	76.3





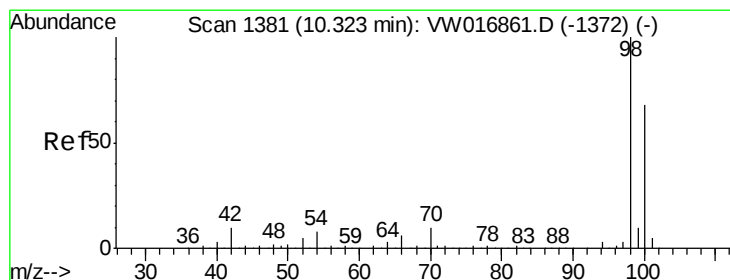
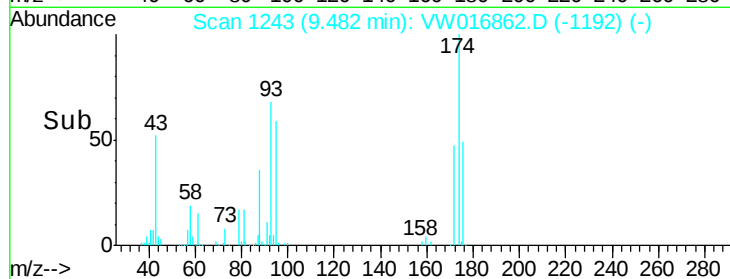
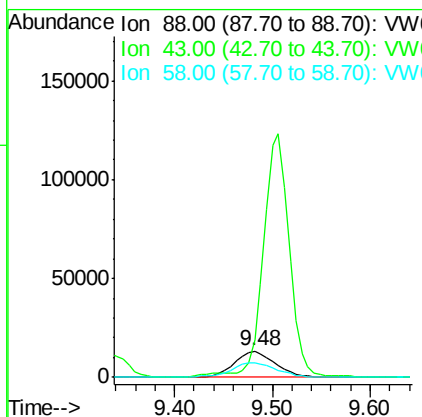
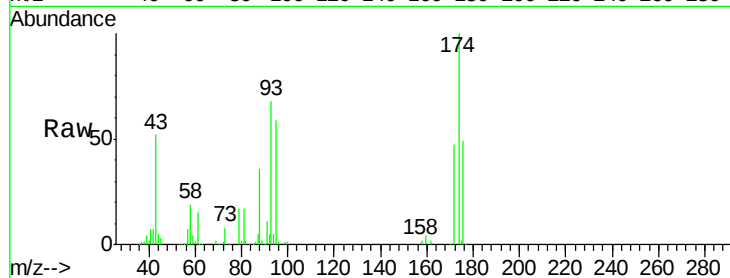
#49
1,4-Dioxane
Concen: 1920.944 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.0	54.0	81.0

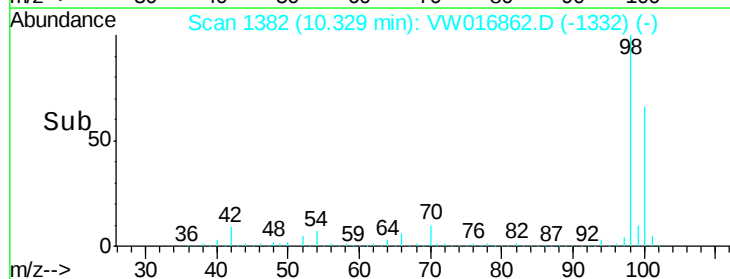
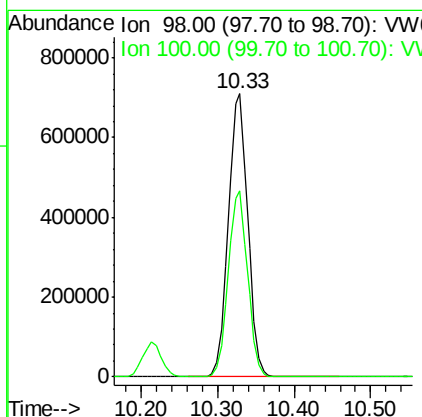
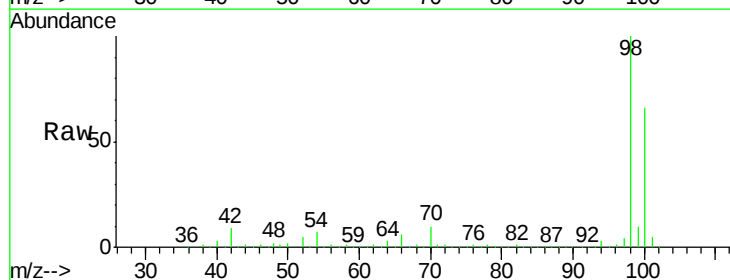
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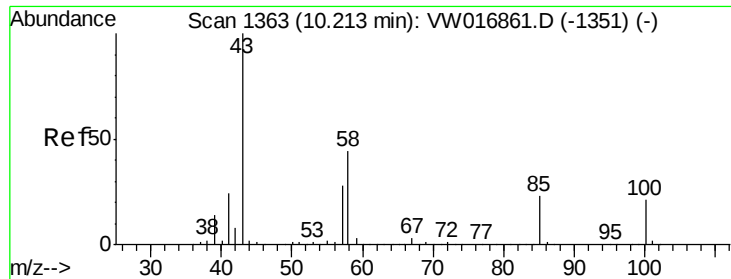
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#50
Toluene-d8
Concen: 98.808 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 494.039 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleID :

VSTDICC100

Tot Ion: 43 Resp: 737509

Ion Ratio Lower Upper

43 100

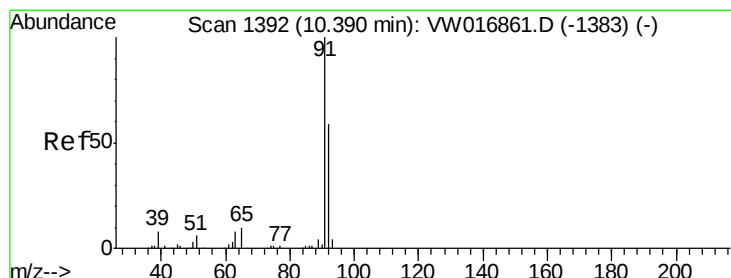
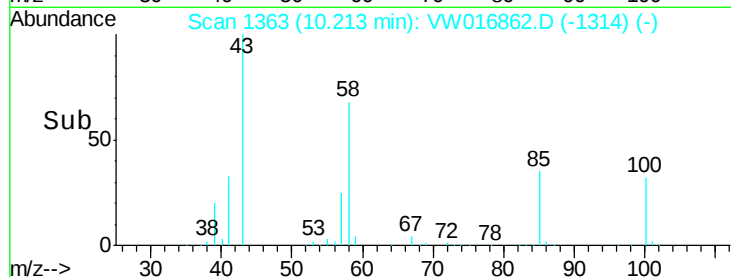
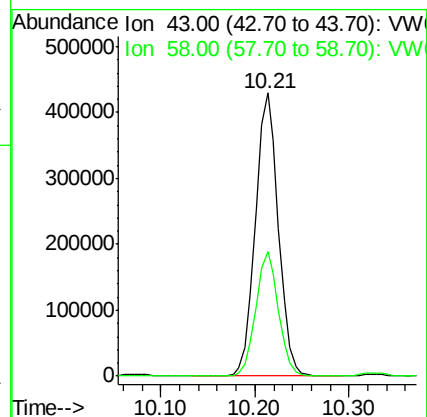
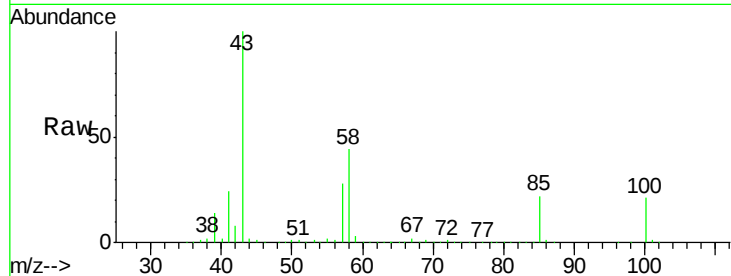
58 43.2 34.7 52.1

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#52

Toluene

Concen: 96.068 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016862.D

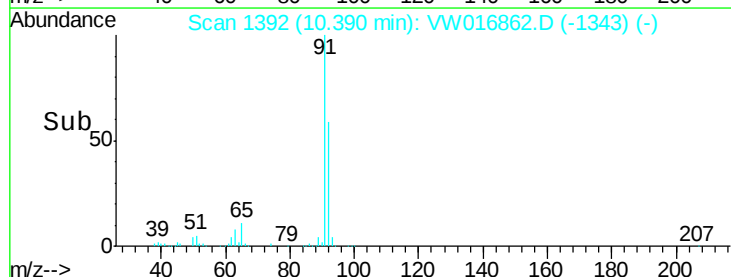
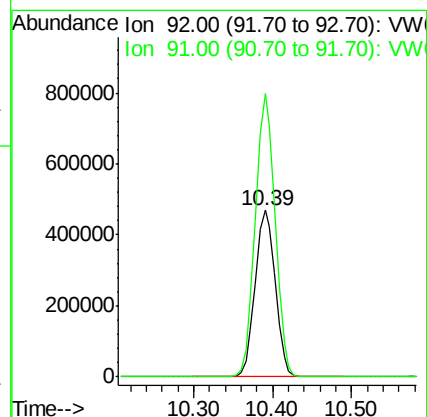
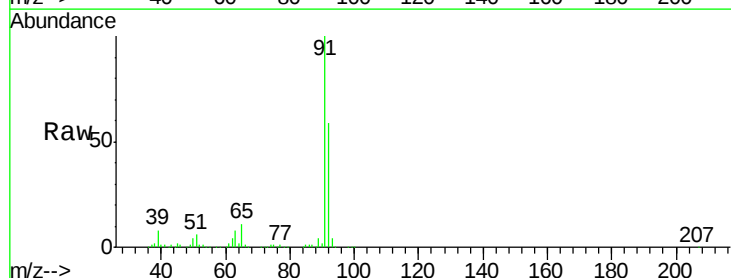
Acq: 09 Oct 2020 15:23

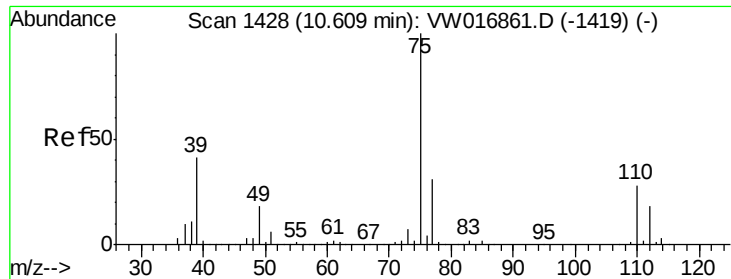
Tgt Ion: 92 Resp: 834230

Ion Ratio Lower Upper

92 100

91 167.5 134.7 202.1





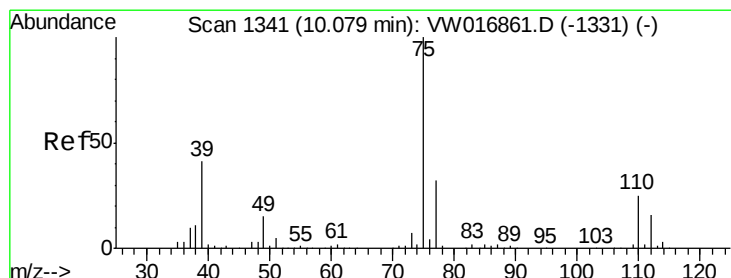
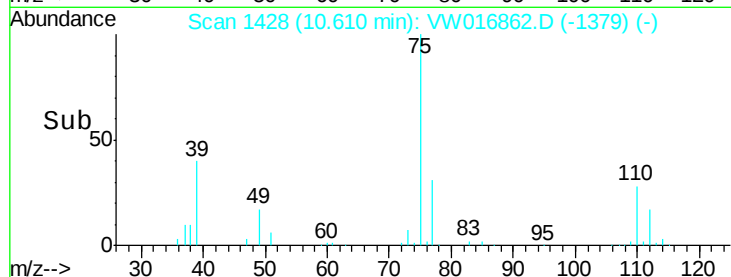
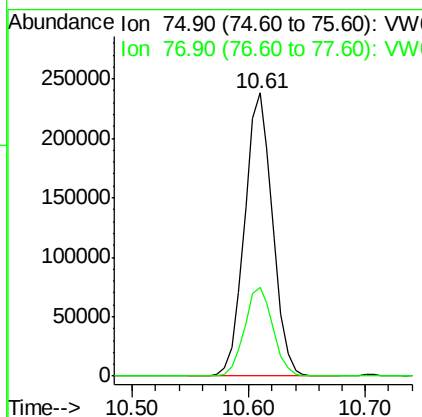
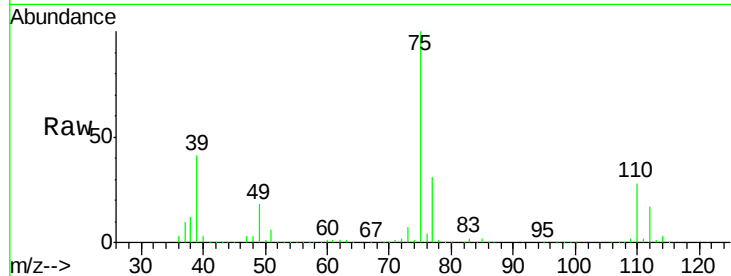
#53
 t-1,3-Dichloropropene
 Concen: 102.696 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC100

Tot Ion: 75 Resp: 398312
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2

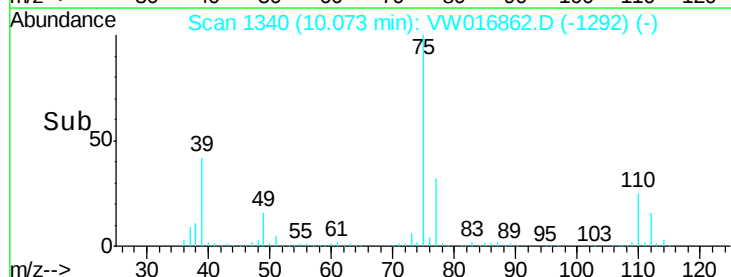
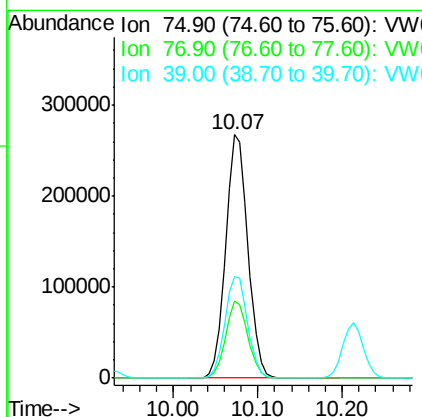
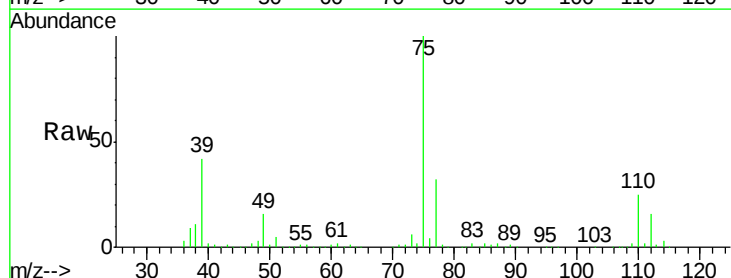
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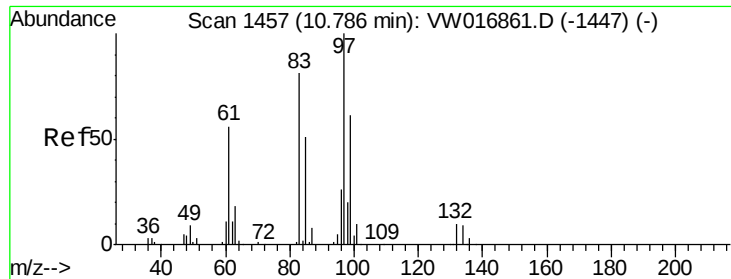
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#54
 cis-1,3-Dichloropropene
 Concen: 101.675 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion: 75 Resp: 481673
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.6
 39 41.9 32.9 49.3





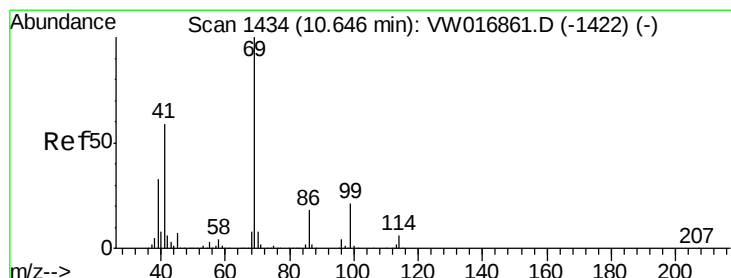
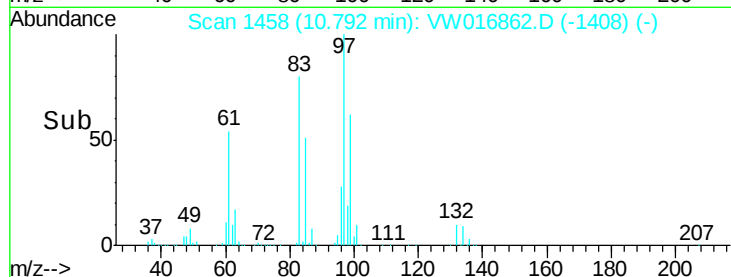
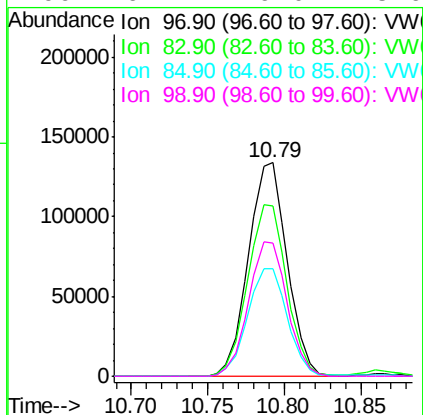
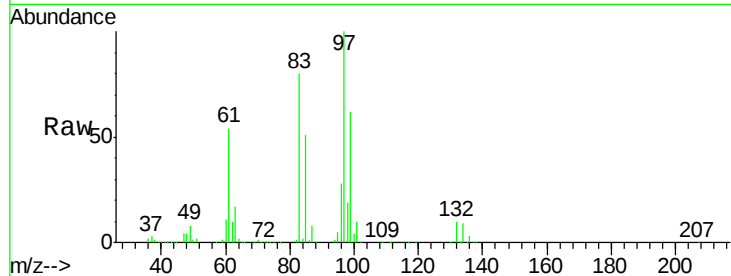
#55
 1,1,2-Trichloroethane
 Concen: 96.442 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	235217
Ion	Ratio	Lower	Upper
97	100		
83	79.9	64.6	97.0
85	50.6	40.6	61.0
99	62.1	49.0	73.6

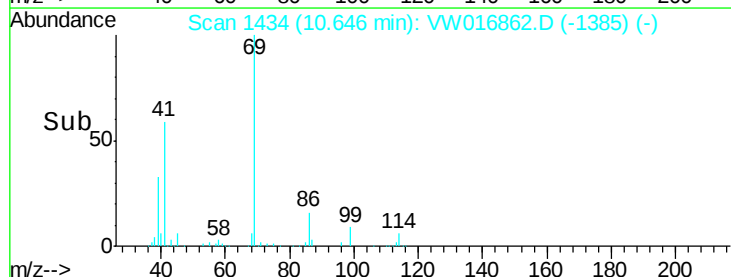
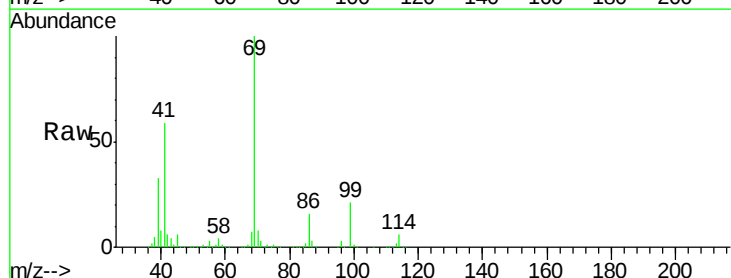
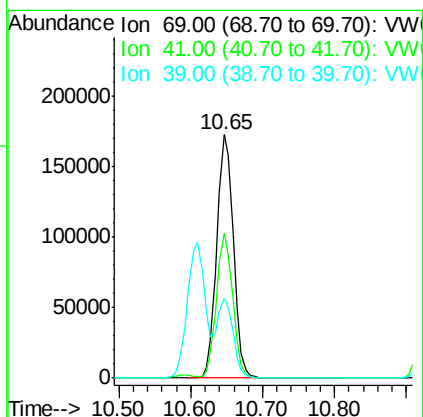
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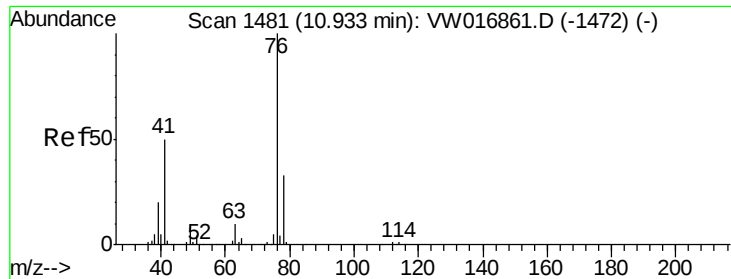
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#56
 Ethyl methacrylate
 Concen: 104.008 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion:	69	Resp:	275955
Ion	Ratio	Lower	Upper
69	100		
41	58.0	46.3	69.5
39	32.4	25.9	38.9





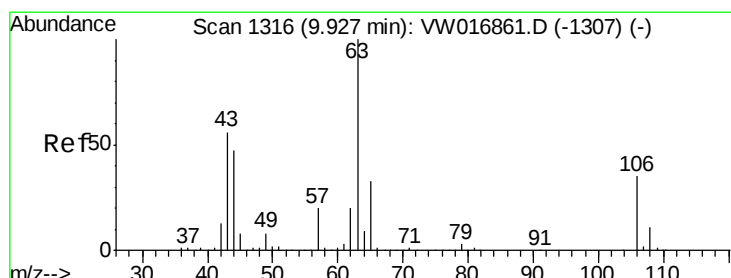
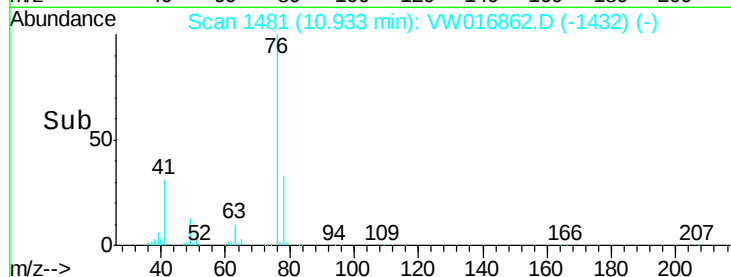
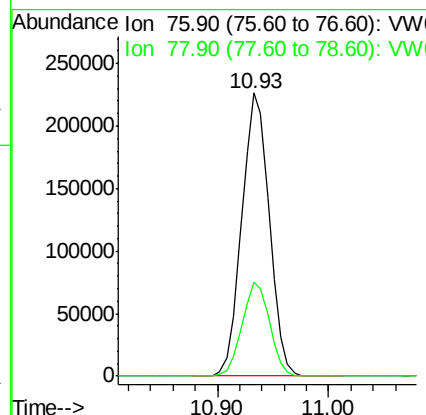
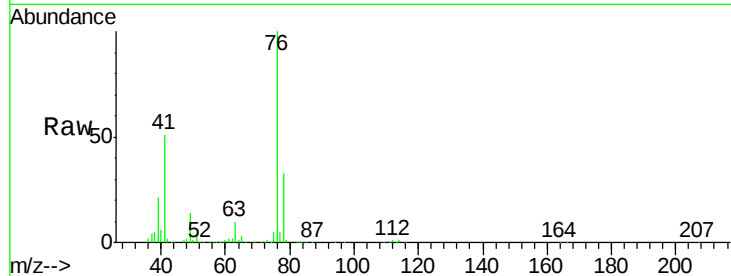
#57
 1,3-Dichloropropane
 Concen: 95.889 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.0	39.0

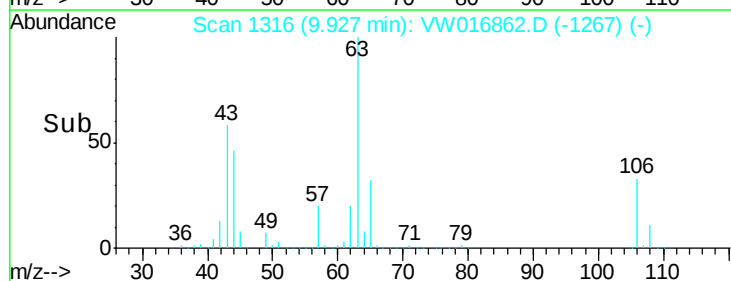
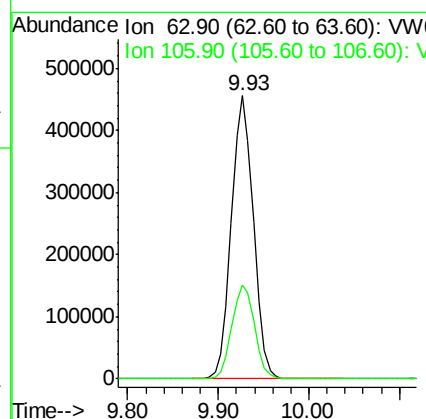
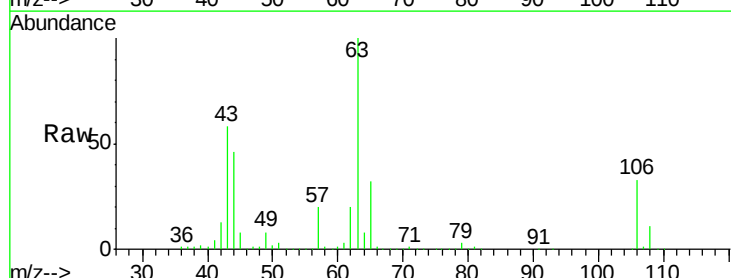
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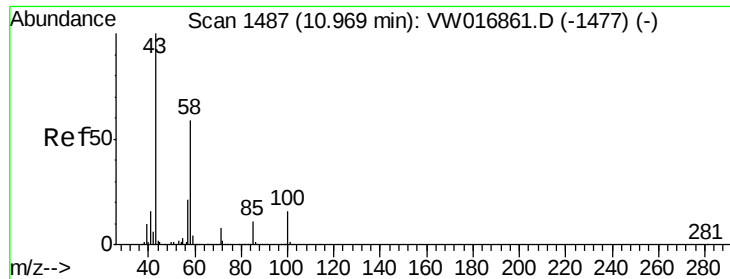
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#58
 2-Chloroethyl Vinyl ether
 Concen: 521.819 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.8	27.0	40.4





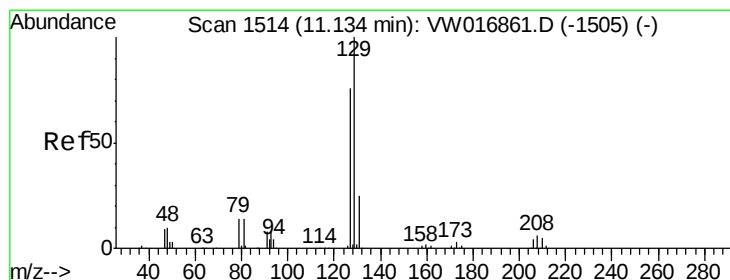
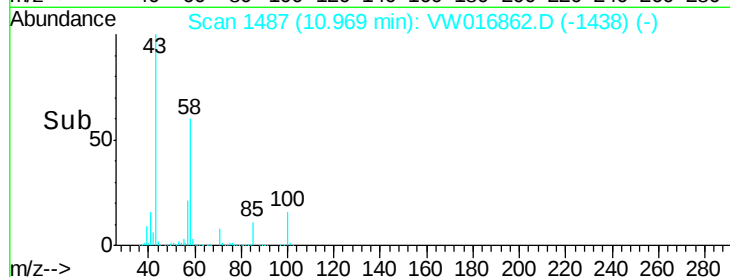
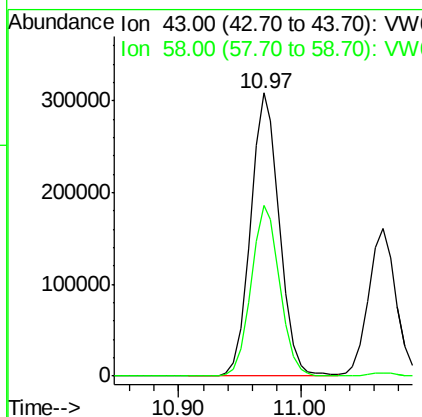
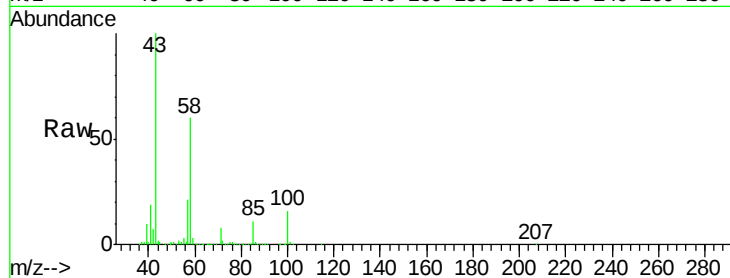
#59
2-Hexanone
Concen: 511.803 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.9	29.5	88.5

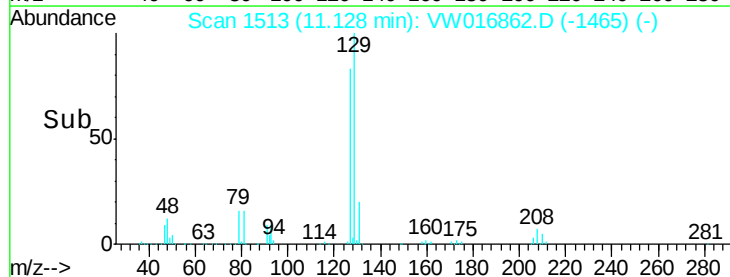
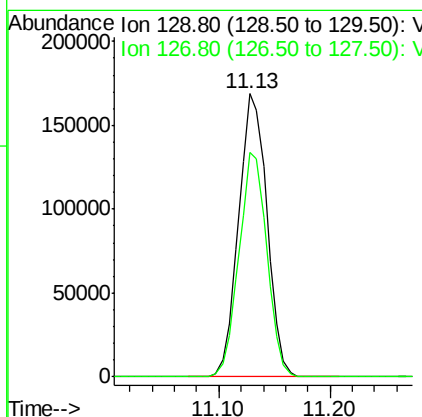
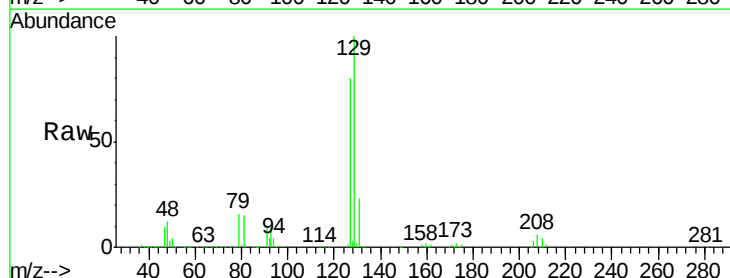
Manual Integrations
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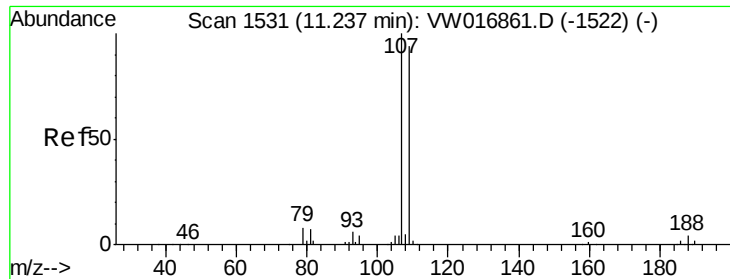
apatel
10/12/2020 1:58:48 PM



#60
Dibromochloromethane
Concen: 99.759 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.9	116.6





#61

1,2-Dibromoethane

Concen: 97.463 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 235406

Ion Ratio Lower Upper

107 100

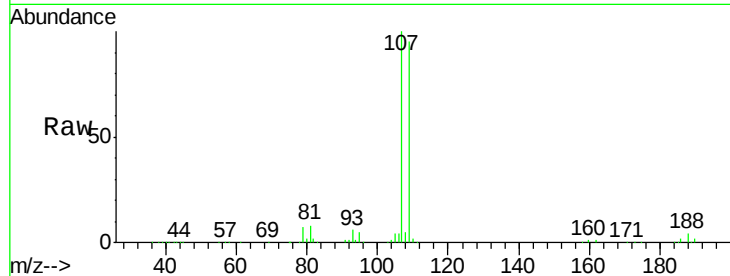
109 94.9 74.7 112.1

Manual Integrations

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apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

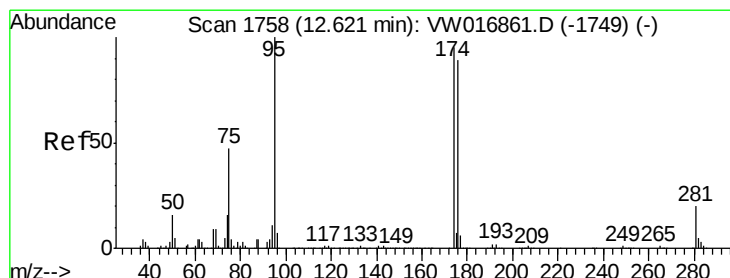
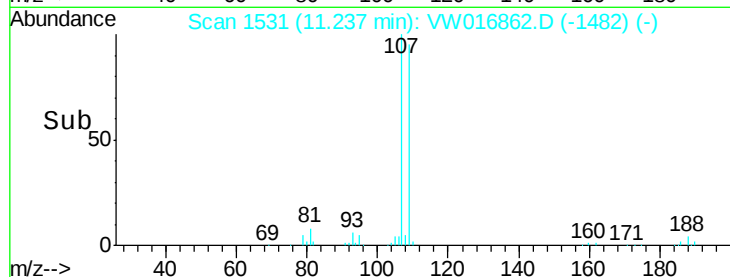
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 98.889 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

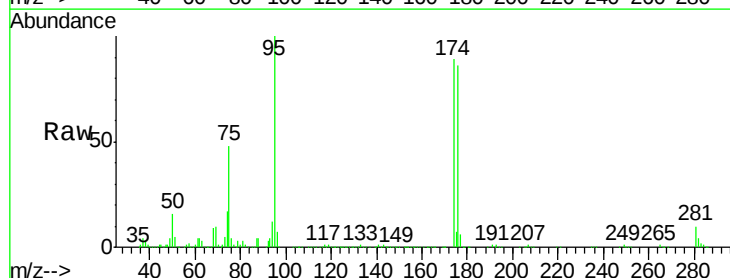
Tgt Ion: 95 Resp: 427393

Ion Ratio Lower Upper

95 100

174 93.0 0.0 180.6

176 87.9 0.0 177.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

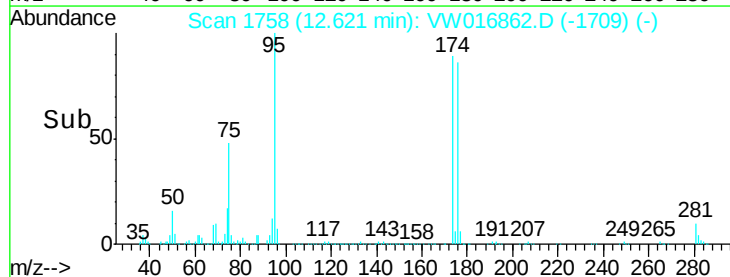
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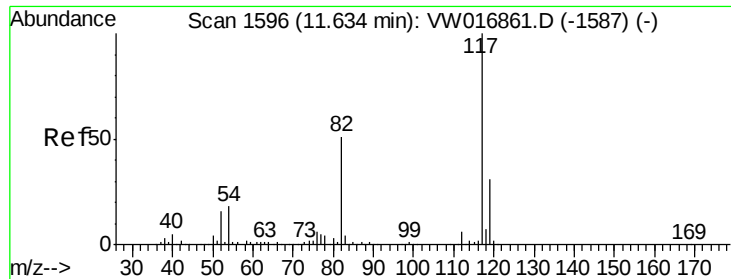
200000

100000

0

Time-->





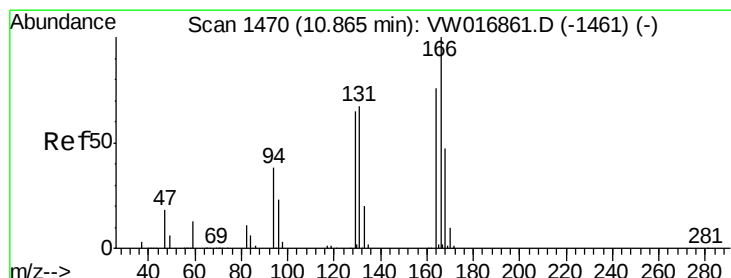
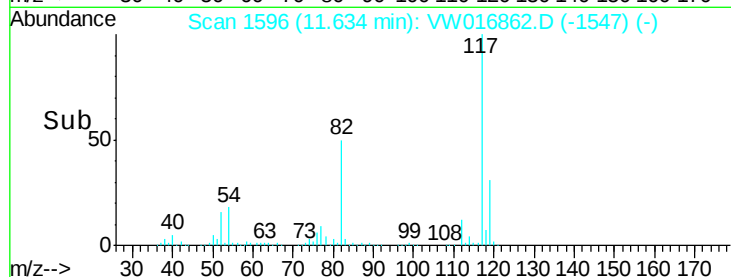
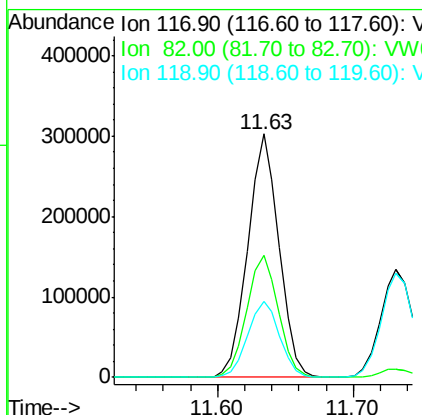
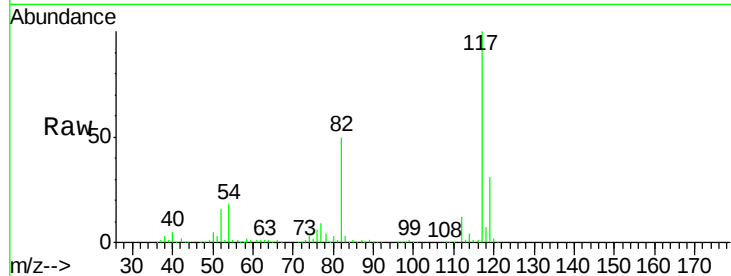
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.7	61.1
119	31.3	25.0	37.4

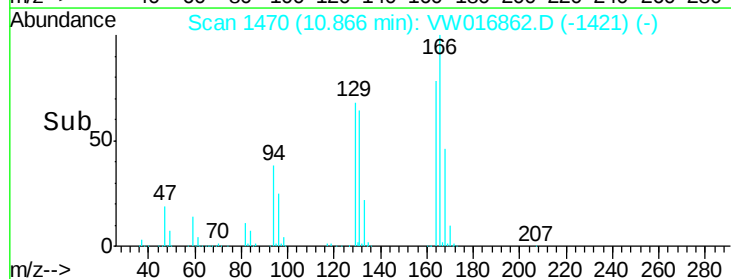
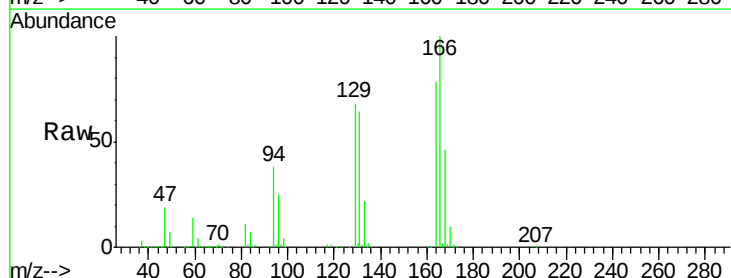
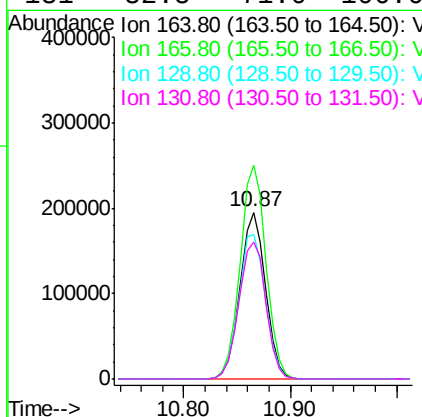
Manual Integrations
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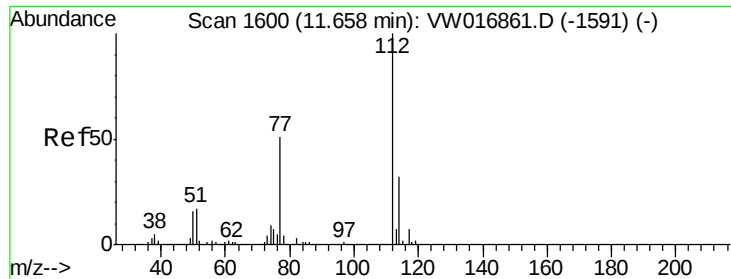
apatel
10/12/2020 1:58:48 PM



#64
Tetrachloroethene
Concen: 95.403 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	105.3	157.9
129	87.1	68.8	103.2
131	82.5	71.0	106.6





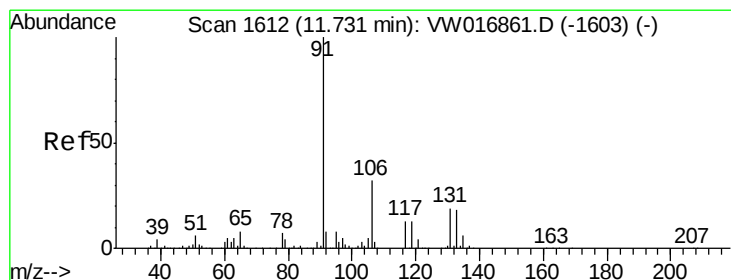
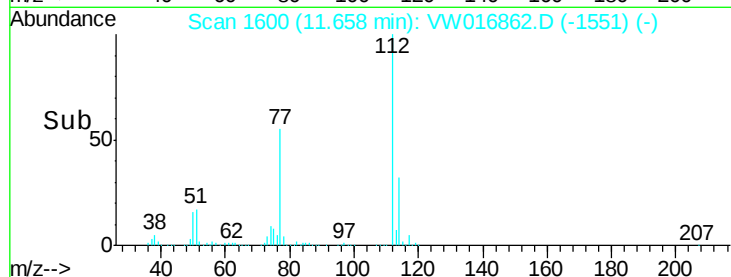
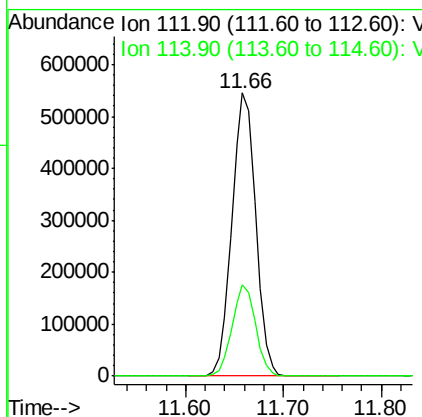
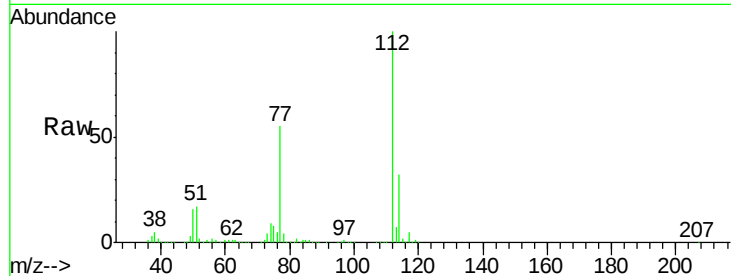
#65
Chlorobenzene
Concen: 96.951 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9

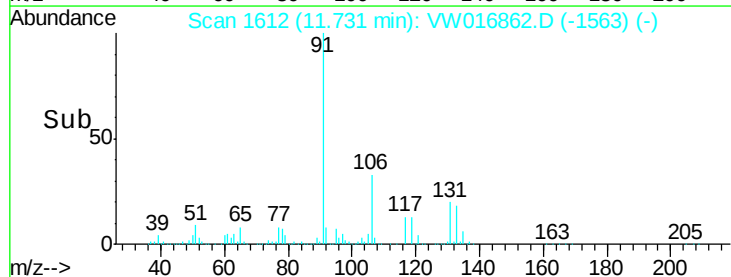
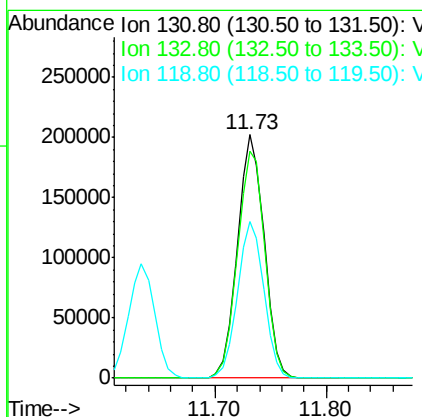
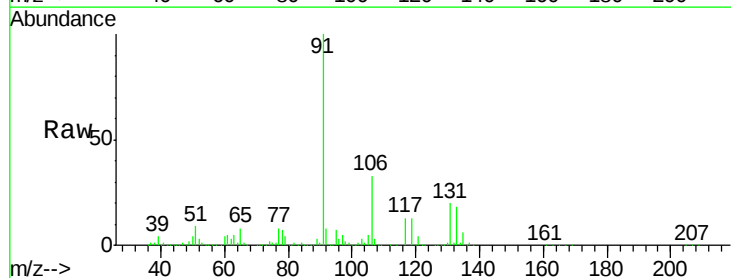
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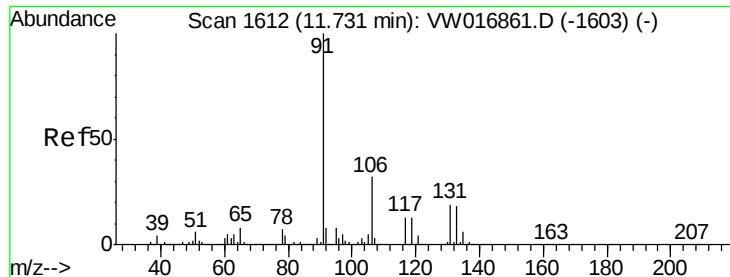
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 99.367 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	48.1	144.3
119	63.9	32.5	97.4





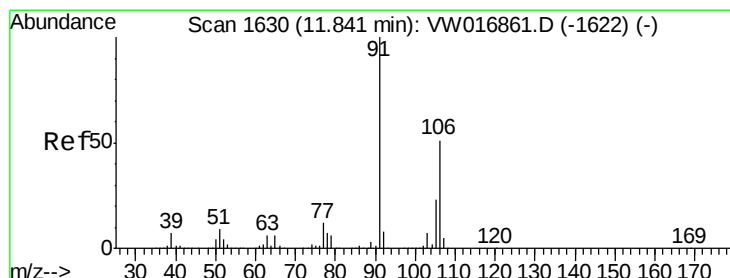
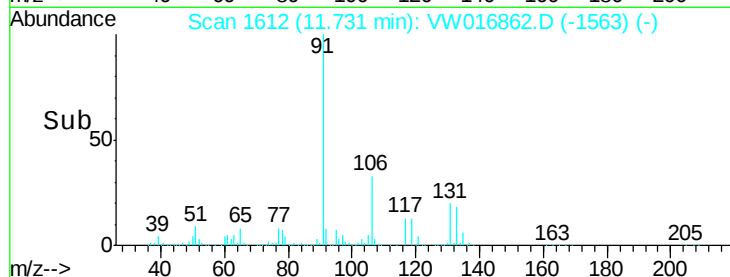
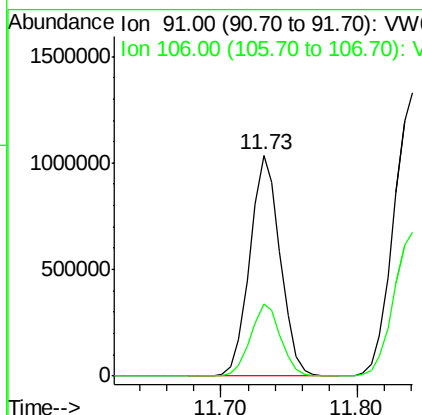
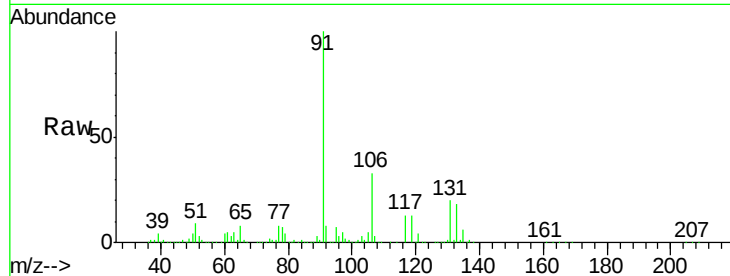
#67
Ethyl Benzene
Concen: 97.571 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1615330
Ion Ratio Lower Upper
91 100
106 32.7 25.9 38.9

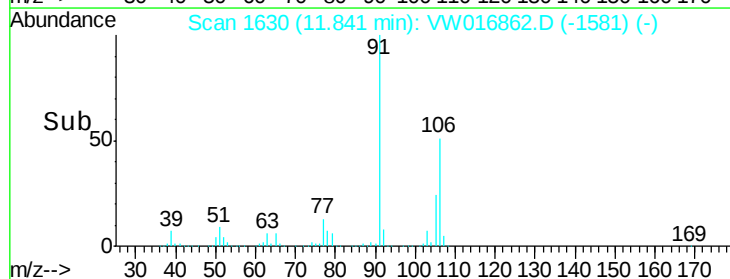
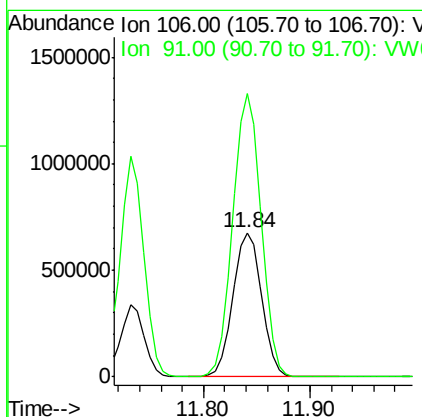
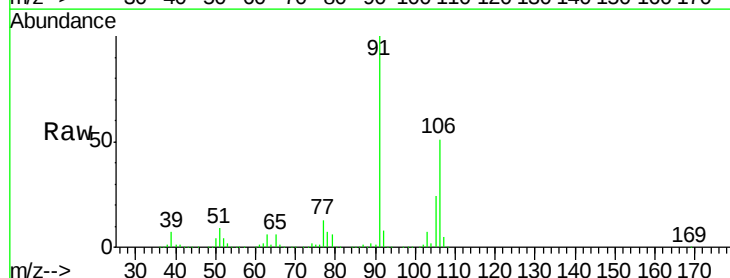
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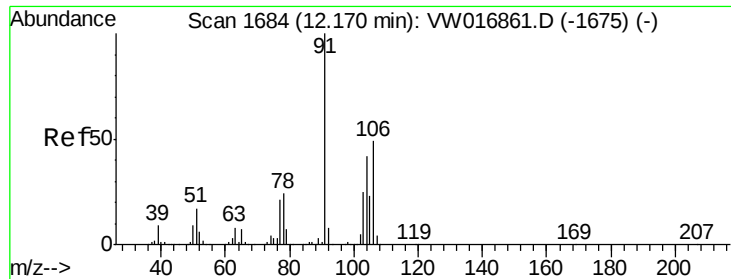
apatel
10/12/2020 1:58:48 PM



#68
m/p-Xylenes
Concen: 198.164 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 106 Resp: 1275946
Ion Ratio Lower Upper
106 100
91 194.4 157.4 236.0





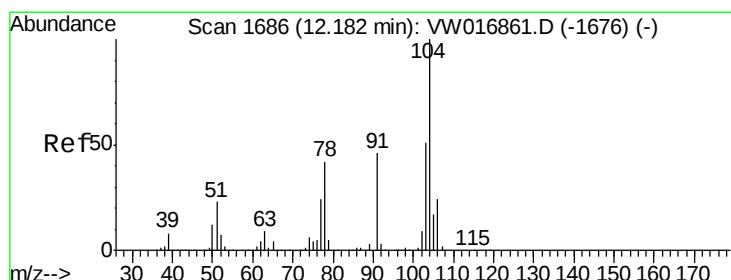
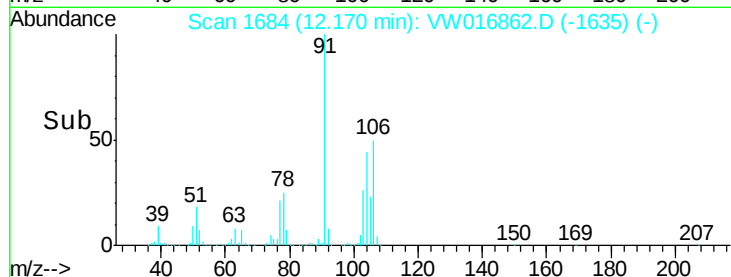
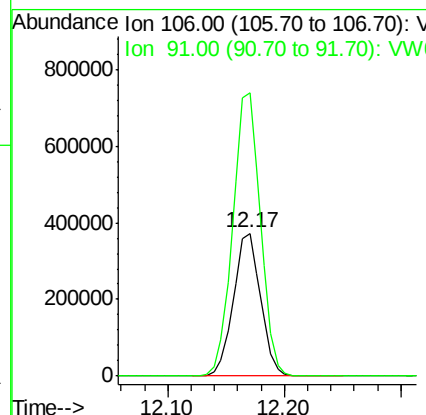
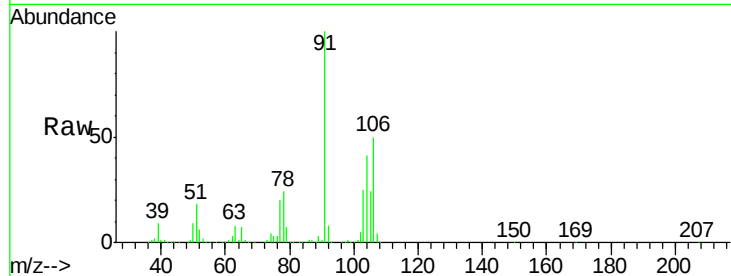
#69
o-Xylene
Concen: 101.865 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		601892		
91	201.9	103.6	310.9		

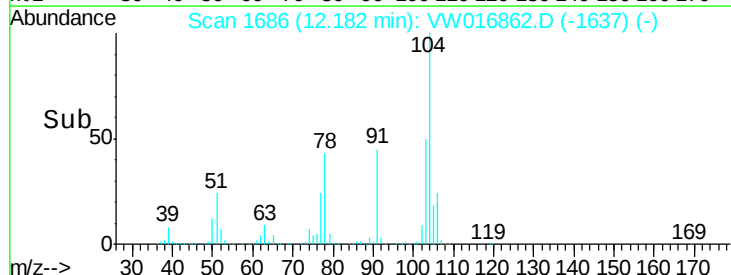
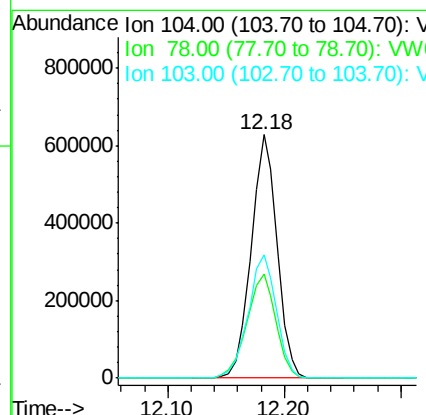
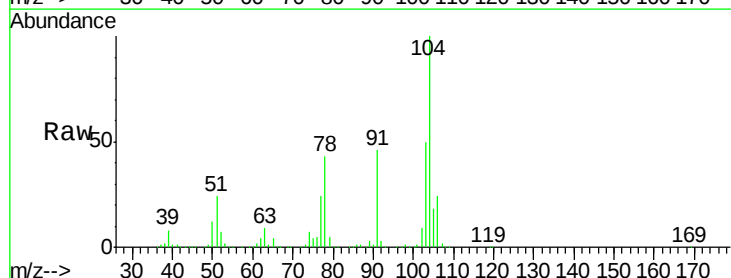
Manual Integrations
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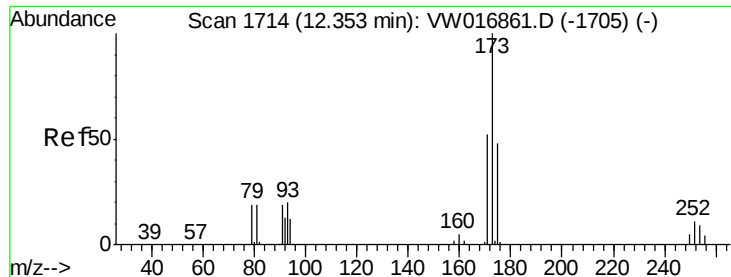
apatel
10/12/2020 1:58:48 PM



#70
Styrene
Concen: 99.299 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		976519		
78	47.7	37.6	56.4		
103	55.1	43.6	65.4		





#71

Bromoform

Concen: 107.705 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 181674

Ion Ratio Lower Upper

173 100

175 47.8 24.7 74.1

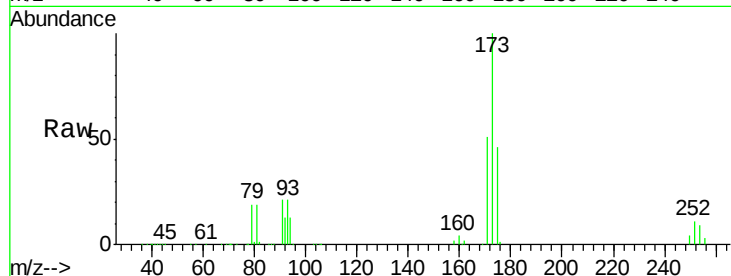
254 0.1 0.1 0.1#

Manual Integrations

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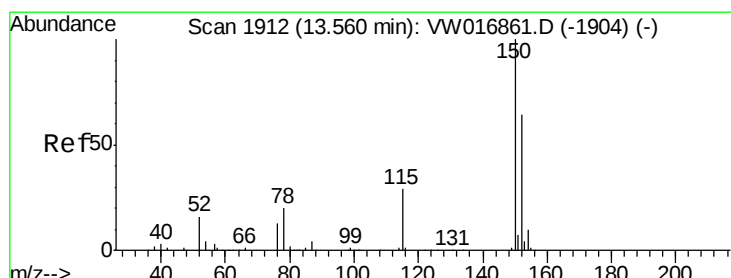
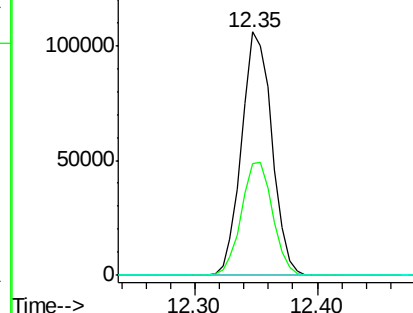
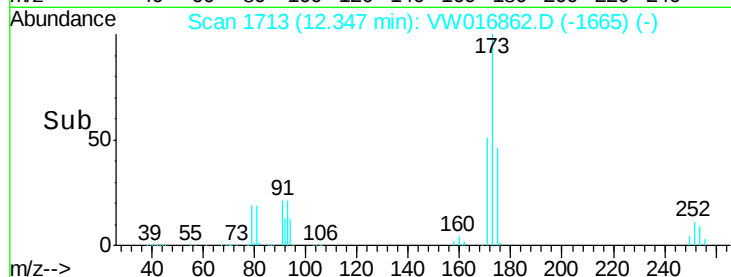
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

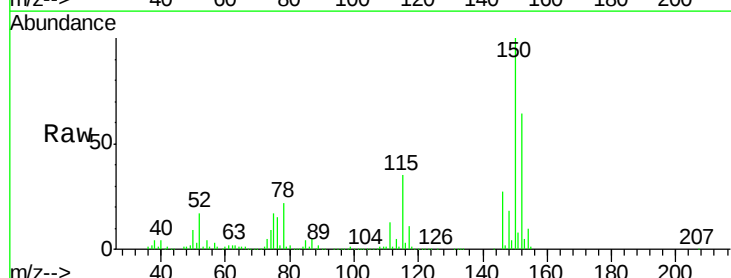
Tgt Ion:152 Resp: 249483

Ion Ratio Lower Upper

152 100

115 55.1 27.9 83.7

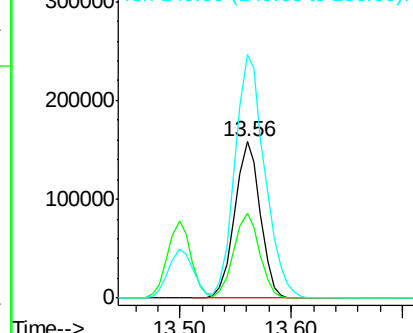
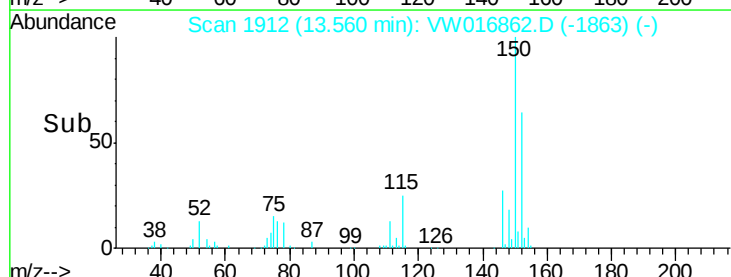
150 182.6 0.0 344.0

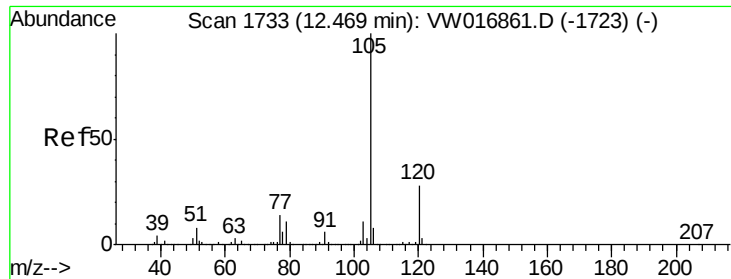


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





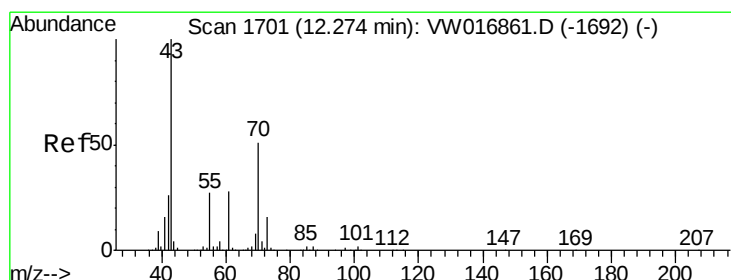
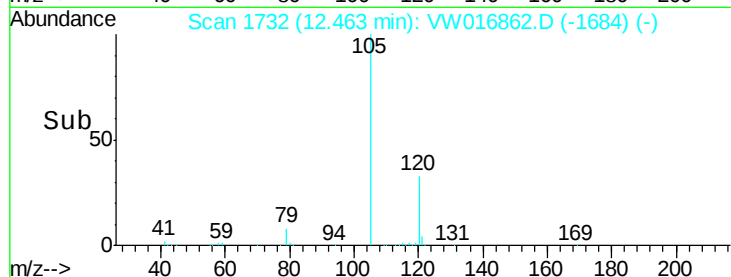
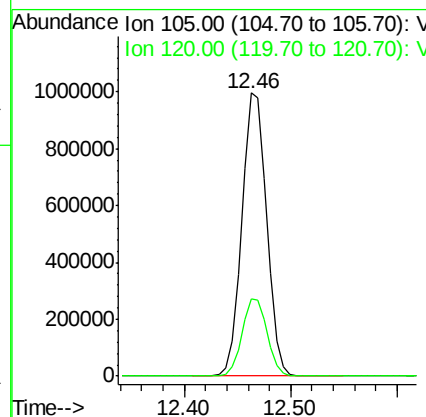
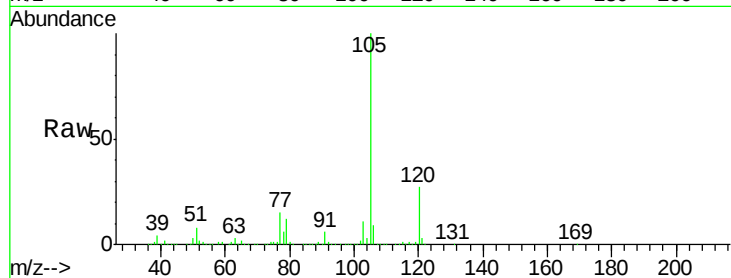
#73
Isopropylbenzene
Concen: 98.037 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 1625668
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7

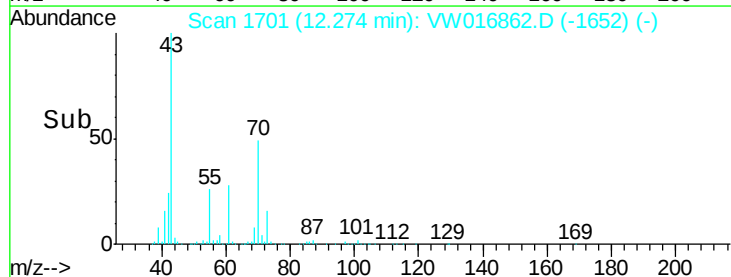
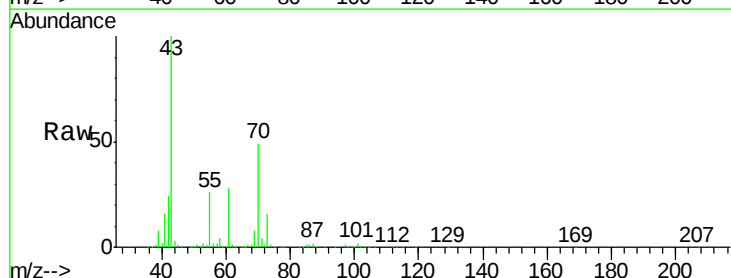
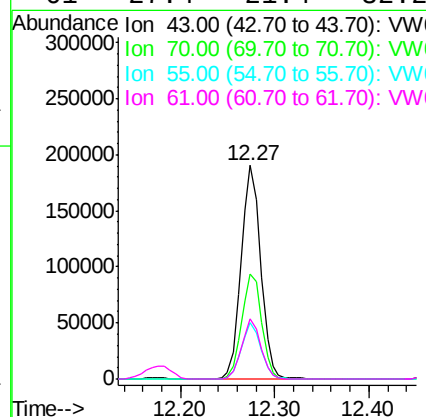
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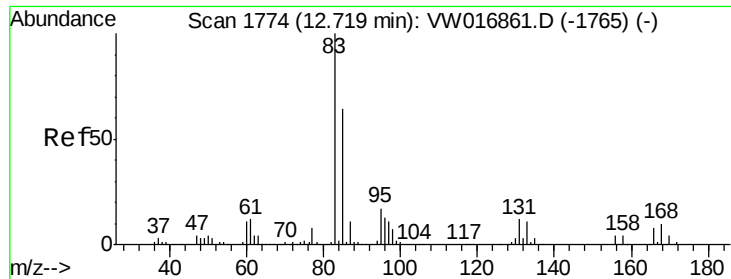
apatel
10/12/2020 1:58:48 PM



#74
N-ethyl acetate
Concen: 103.495 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion: 43 Resp: 275665
Ion Ratio Lower Upper
43 100
70 50.5 40.2 60.4
55 26.3 21.4 32.0
61 27.4 21.4 32.2





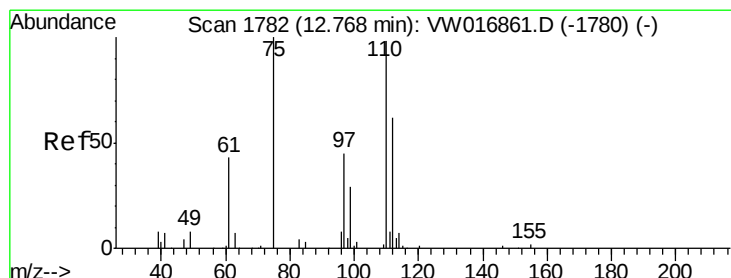
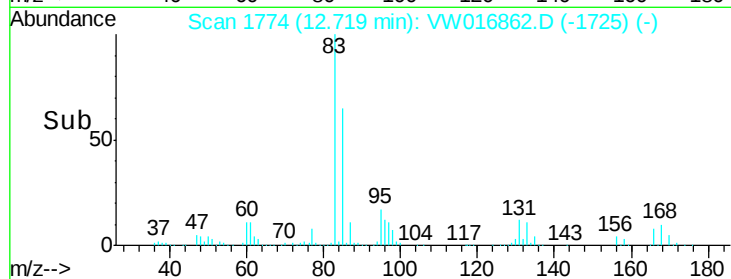
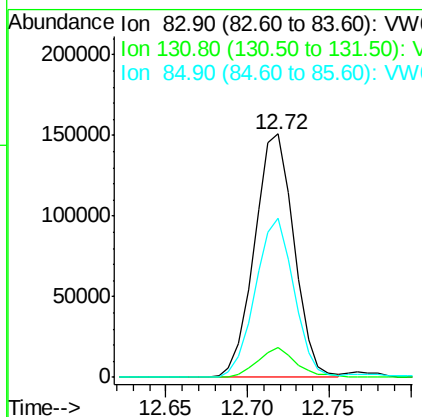
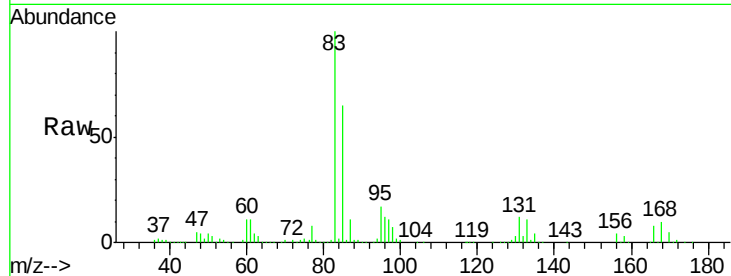
#75
 1,1,2,2-Tetrachloroethane
 Concen: 97.298 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	253148		
131	12.1	6.1	18.3	
85	63.8	32.7	98.1	

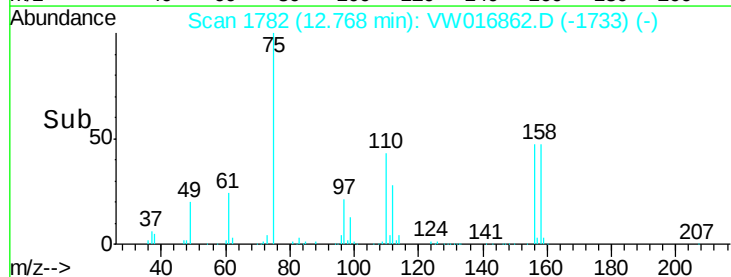
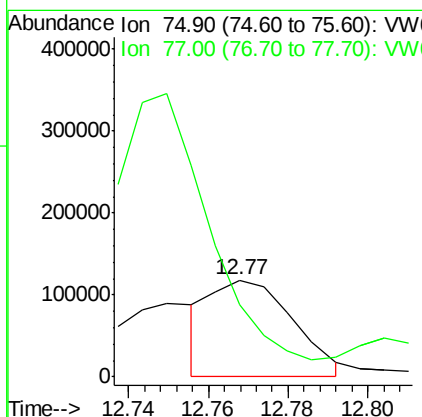
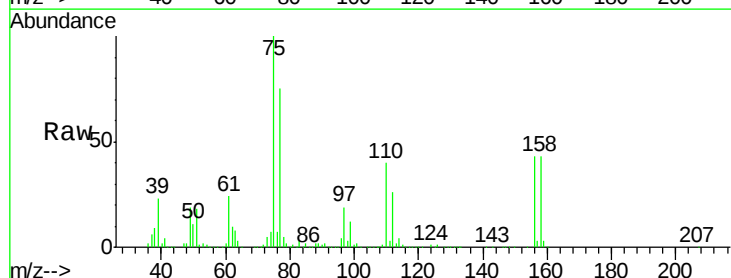
Manual Integrations
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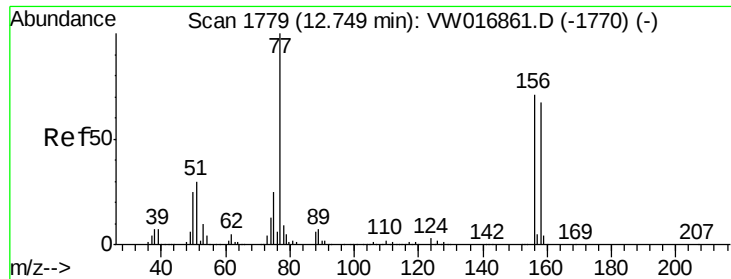
apatel
 10/12/2020 1:58:48 PM



#76
 1,2,3-Trichloropropane
 Concen: 107.551 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	173101		
77	361.3	178.8	536.3	





#77

Bromobenzene

Concen: 93.833 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

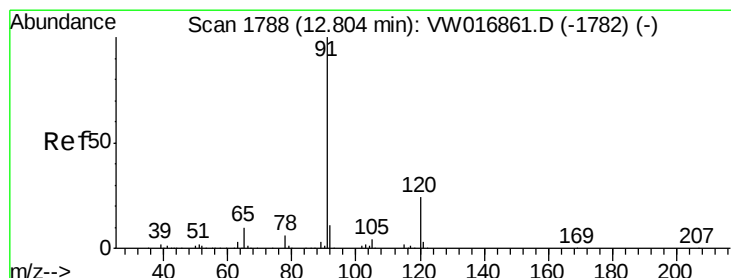
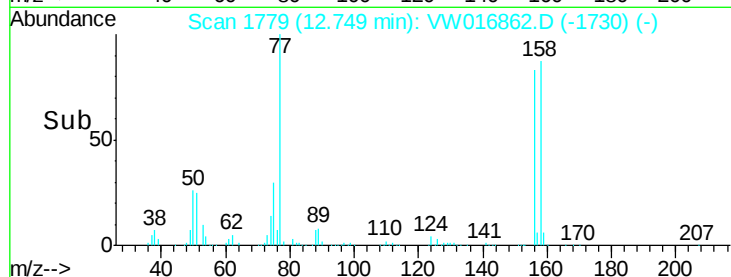
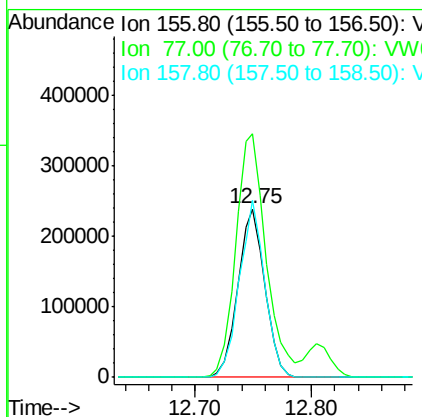
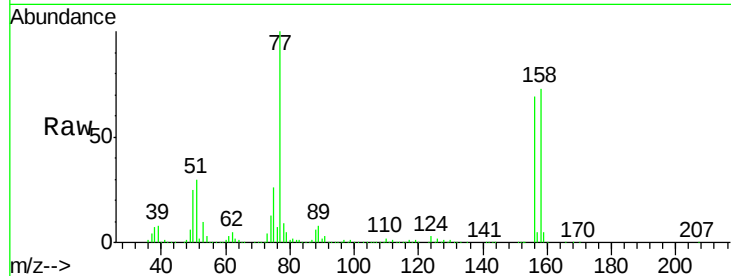
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.6	79.0	237.2
158	98.9	47.0	141.2

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#78

n-propylbenzene

Concen: 97.515 ug/l

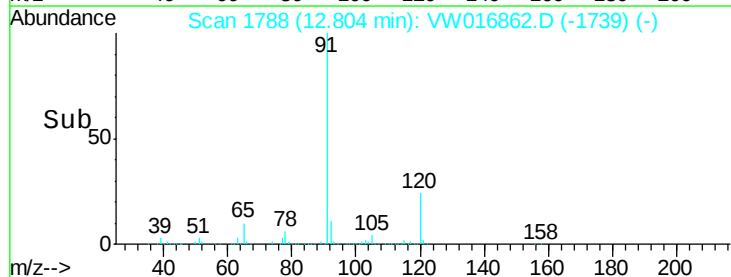
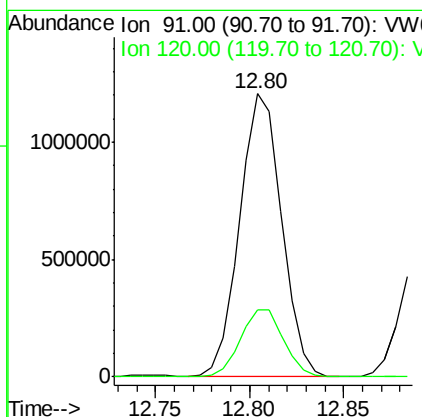
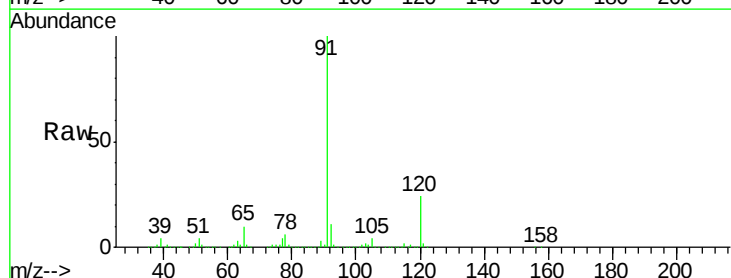
RT: 12.80 min Scan# 1788

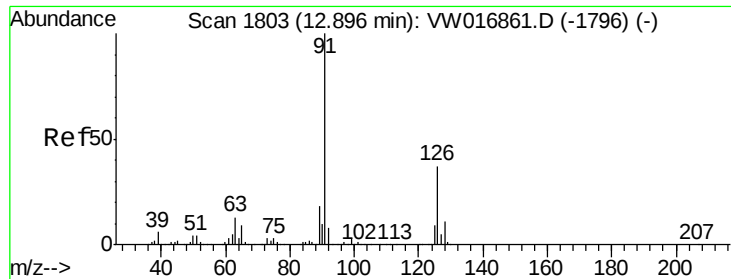
Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.0	36.1





#79

2-Chlorotoluene

Concen: 96.594 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1053759

Ion Ratio Lower Upper

91 100

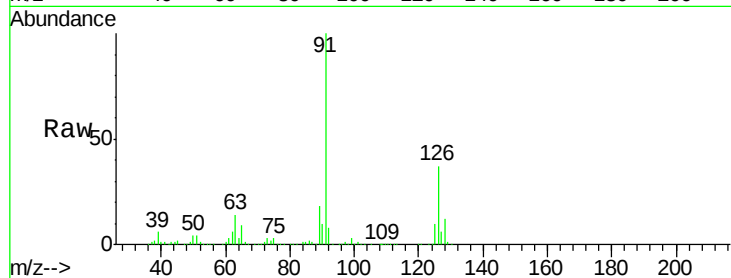
126 36.1 17.9 53.8

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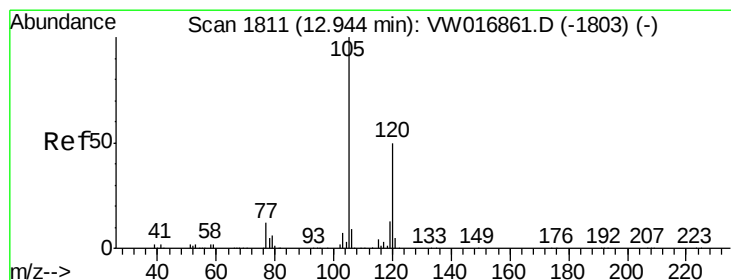
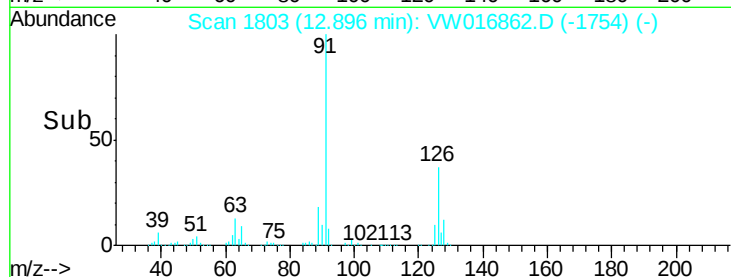
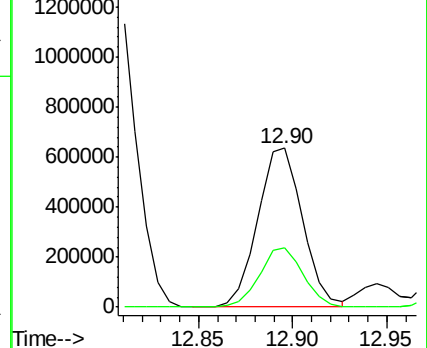
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 97.883 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016862.D

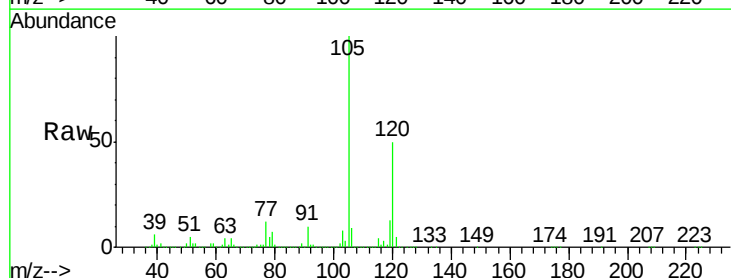
Acq: 09 Oct 2020 15:23

Tgt Ion: 105 Resp: 1360261

Ion Ratio Lower Upper

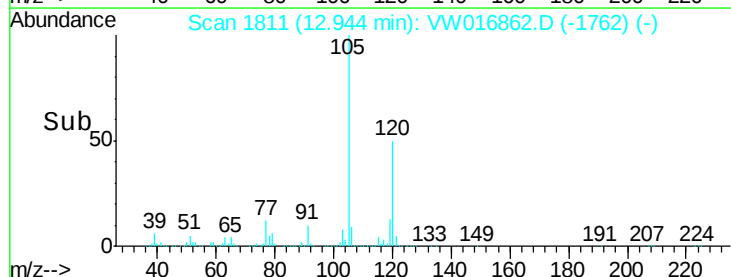
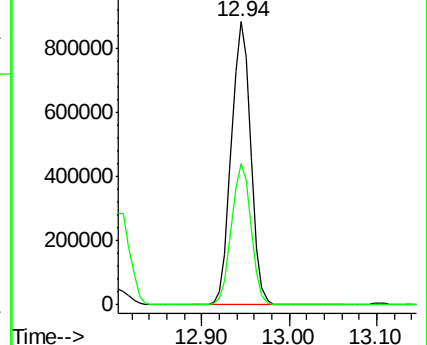
105 100

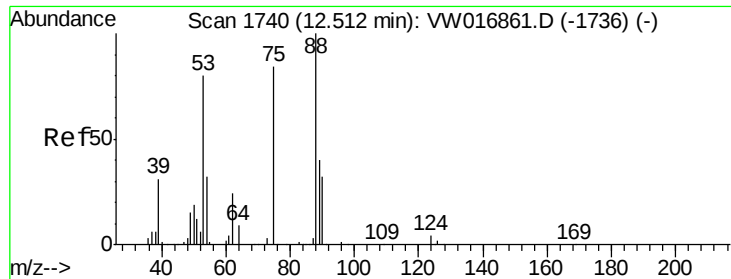
120 50.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





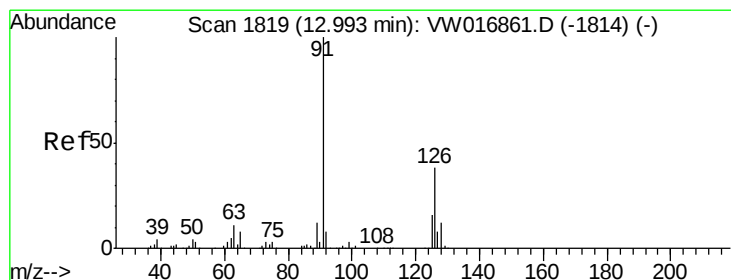
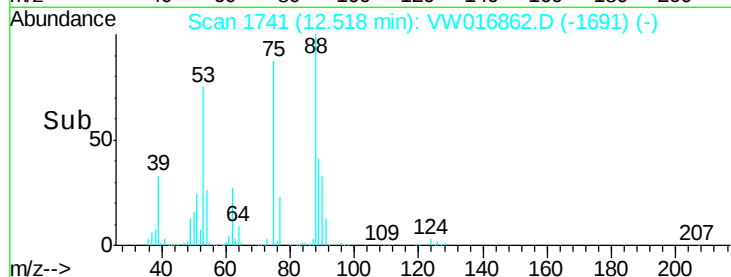
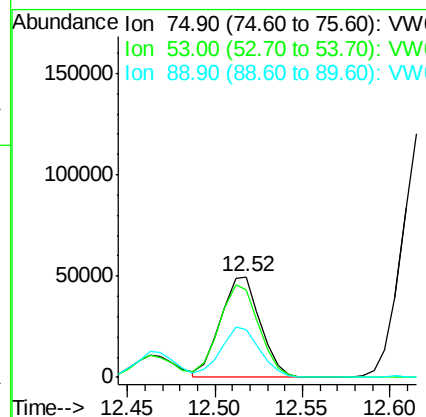
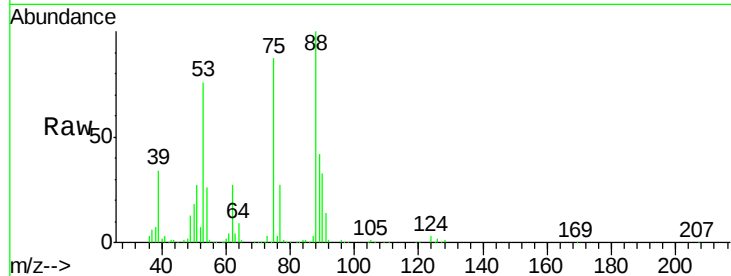
#81
trans-1,4-Dichloro-2-butene
Concen: 112.718 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	77.0	115.4
89	49.2	38.7	58.1

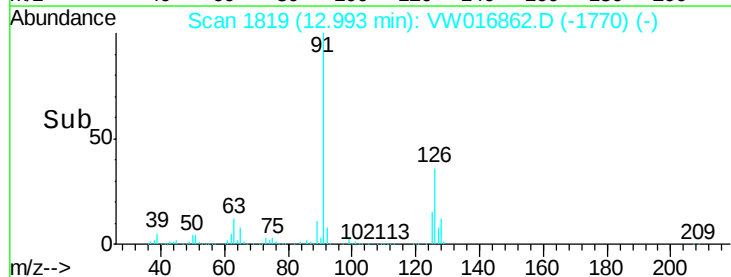
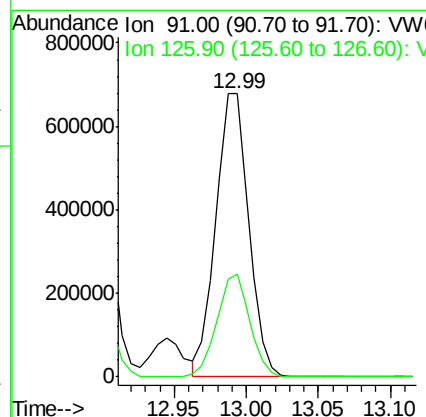
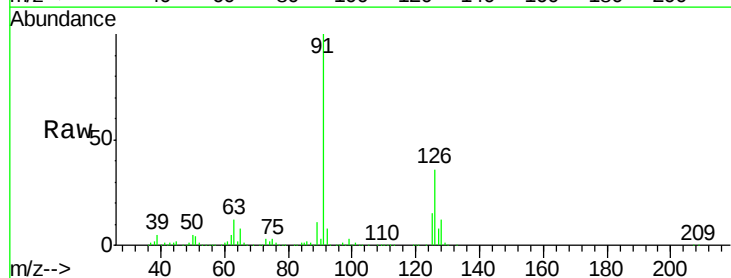
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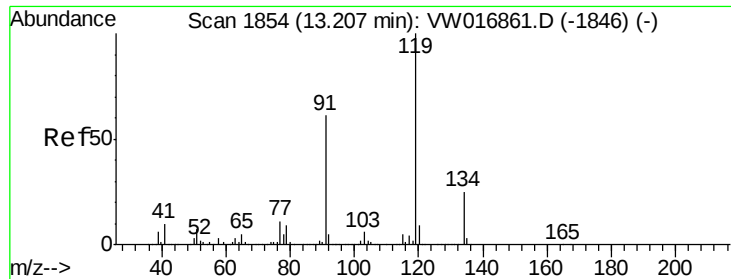
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#82
4-Chlorotoluene
Concen: 96.551 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.1	54.3





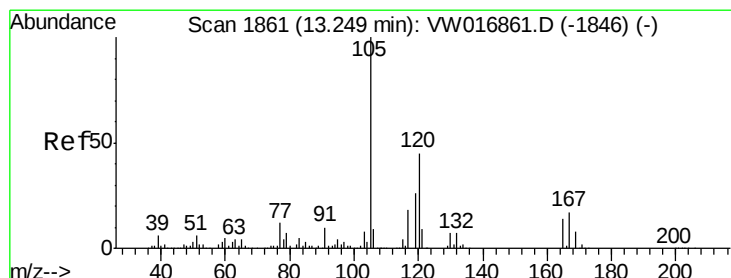
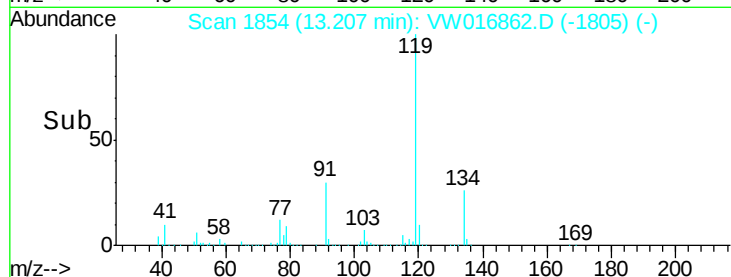
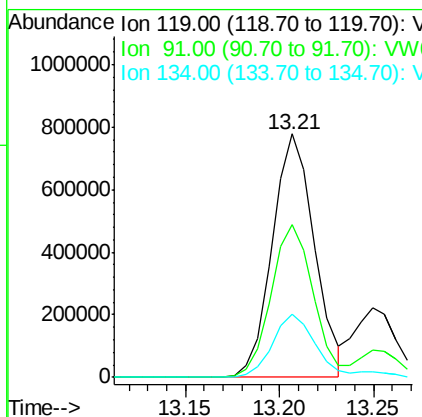
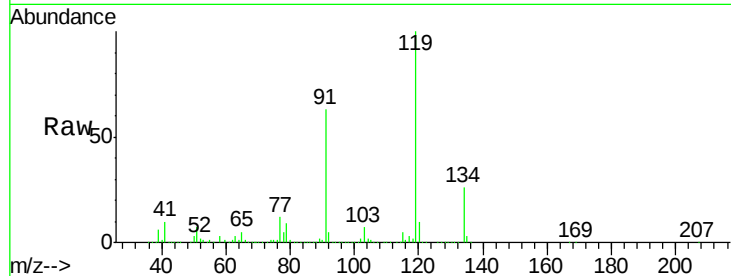
#83
 tert-Butylbenzene
 Concen: 100.018 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 1207179
 Ion Ratio Lower Upper
 119 100
 91 63.5 31.3 93.9
 134 27.6 14.0 42.0

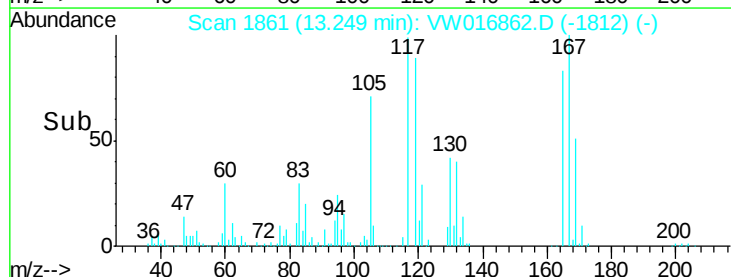
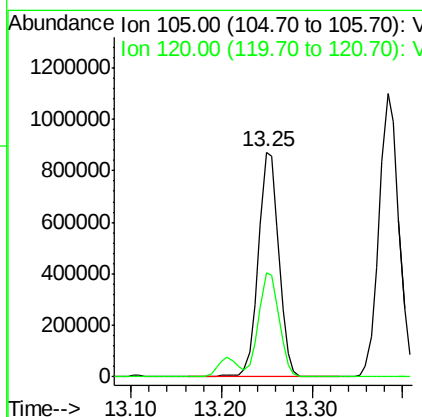
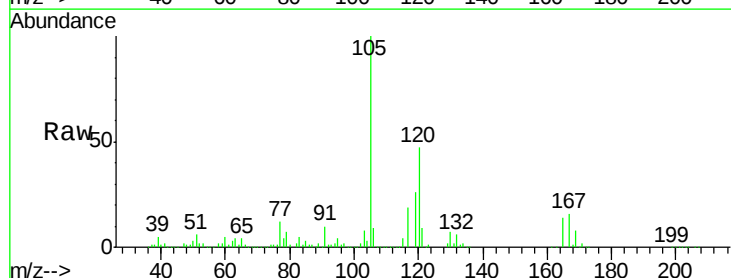
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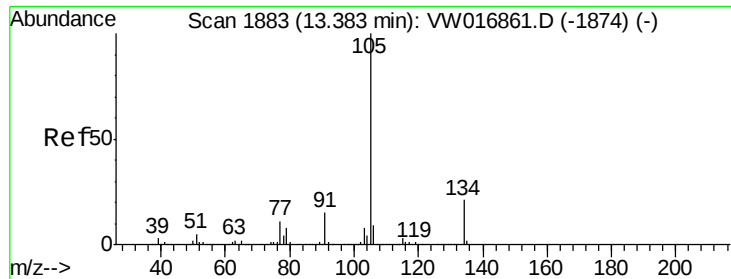
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#84
 1,2,4-Trimethylbenzene
 Concen: 98.152 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion:105 Resp: 1359137
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 98.903 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1661597

Ion Ratio Lower Upper

105 100

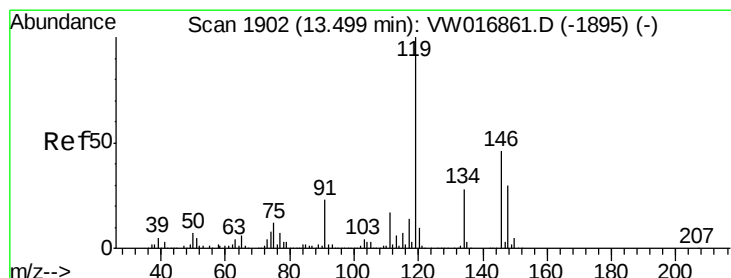
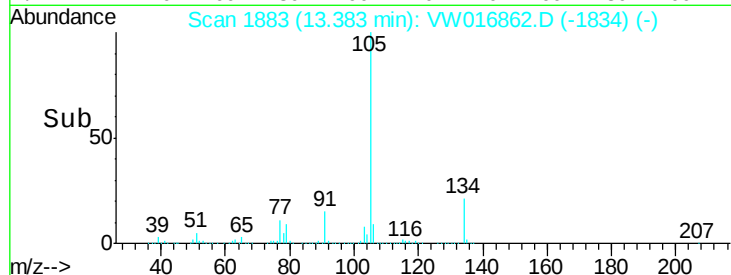
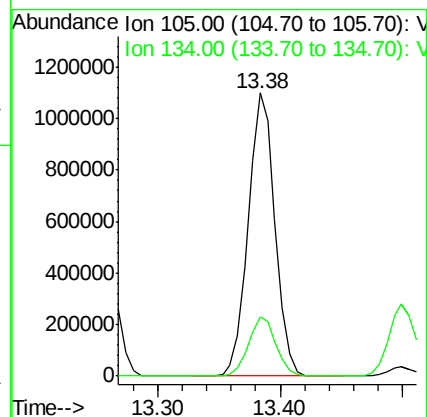
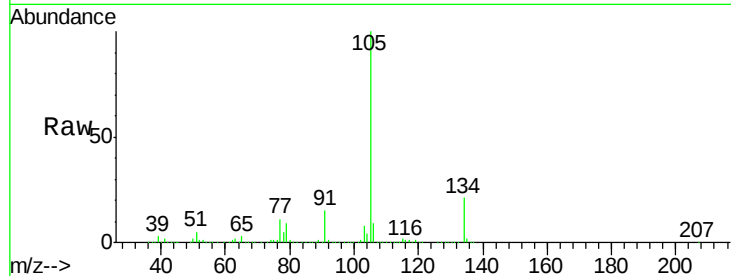
134 21.3 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 98.589 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016862.D

Acq: 09 Oct 2020 15:23

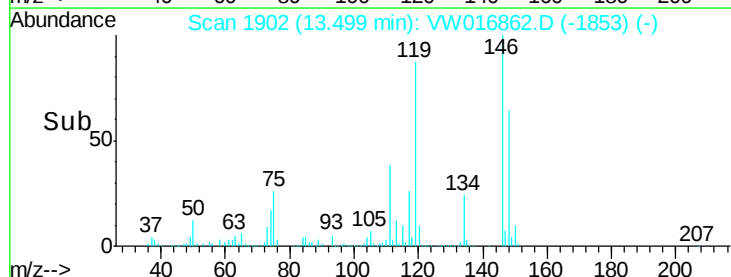
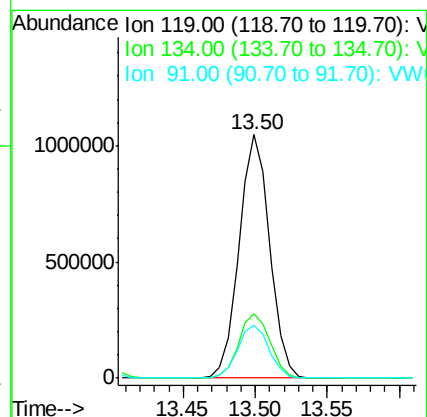
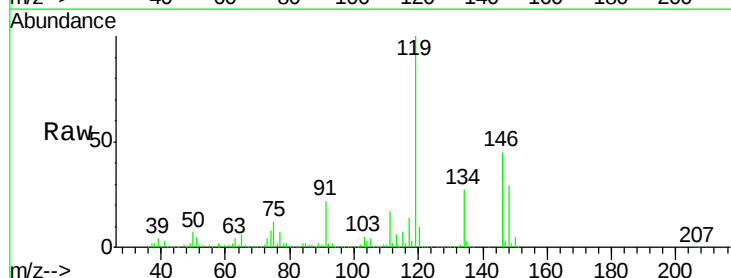
Tgt Ion:119 Resp: 1542322

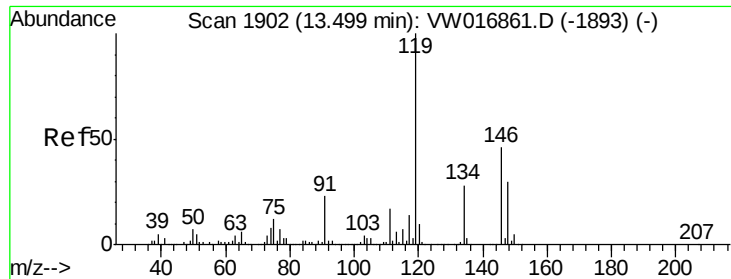
Ion Ratio Lower Upper

119 100

134 27.2 13.8 41.3

91 22.3 11.3 33.9





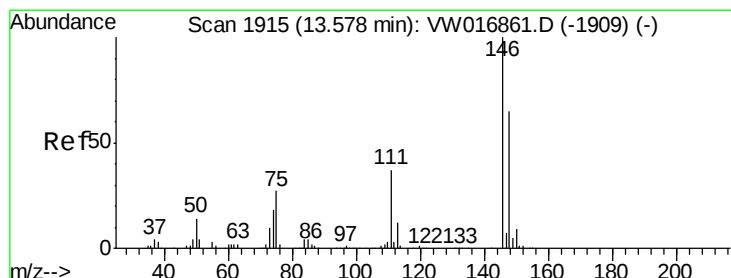
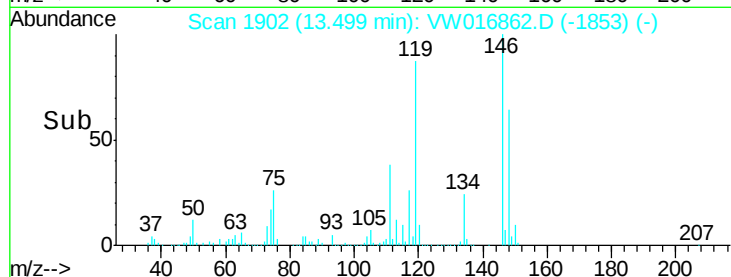
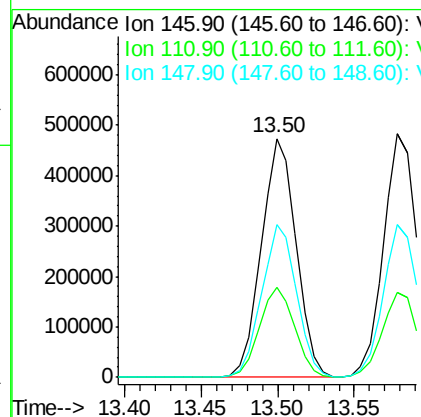
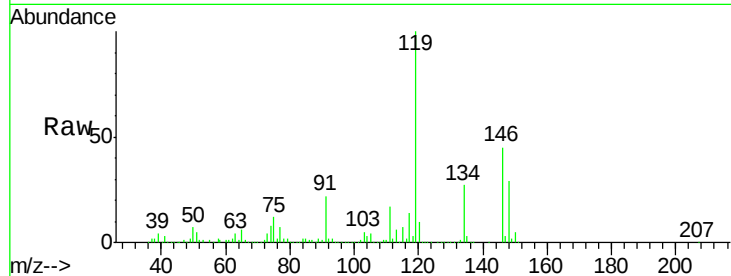
#87
 1,3-Dichlorobenzene
 Concen: 94.921 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.9	32.5	97.4

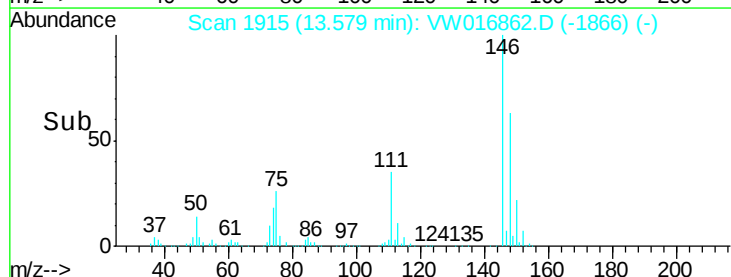
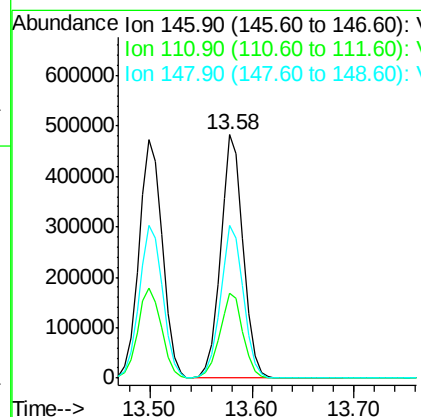
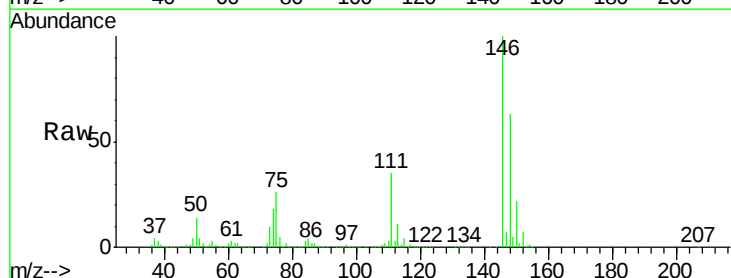
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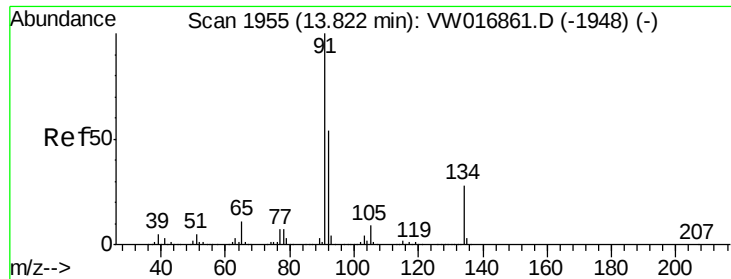
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#88
 1,4-Dichlorobenzene
 Concen: 95.017 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.5	55.5
148	63.9	31.8	95.4





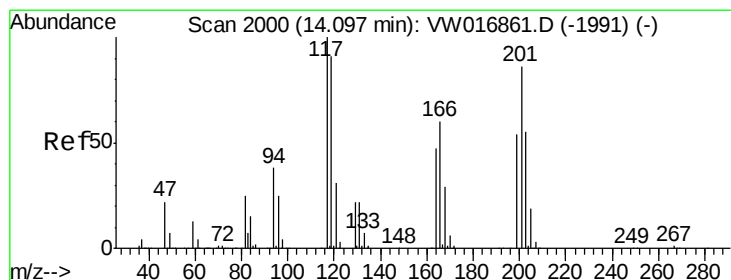
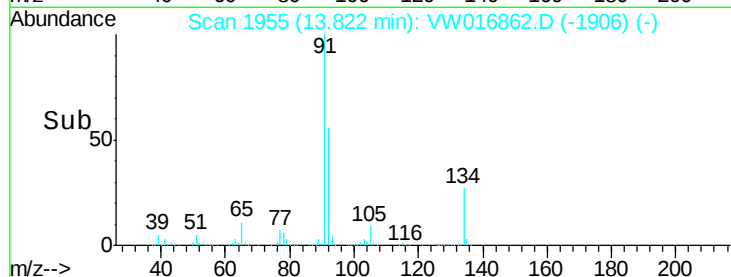
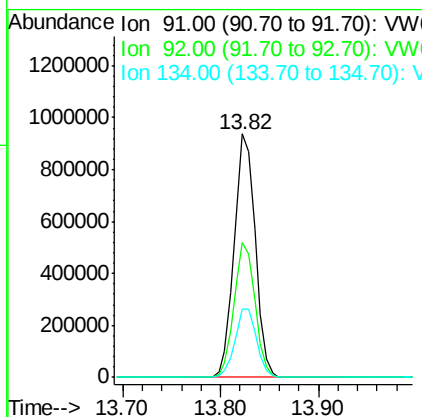
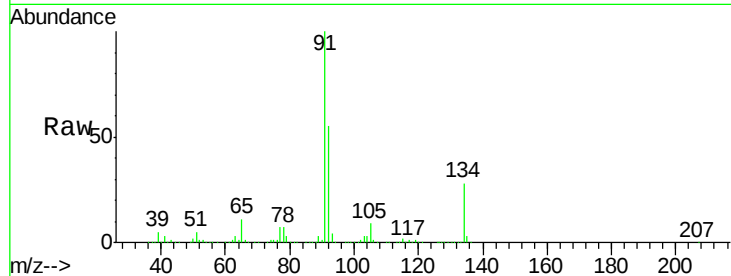
#89
n-Butylbenzene
Concen: 99.399 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.6	79.7
134	28.6	14.3	42.9

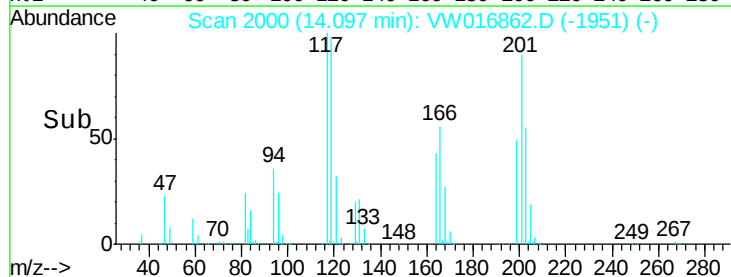
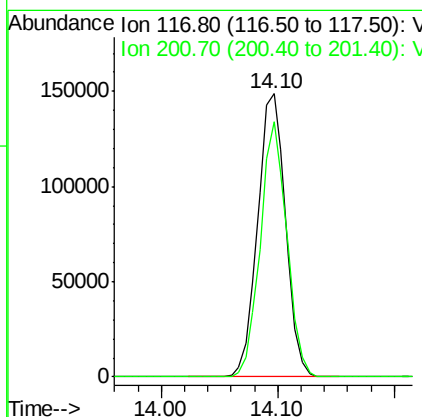
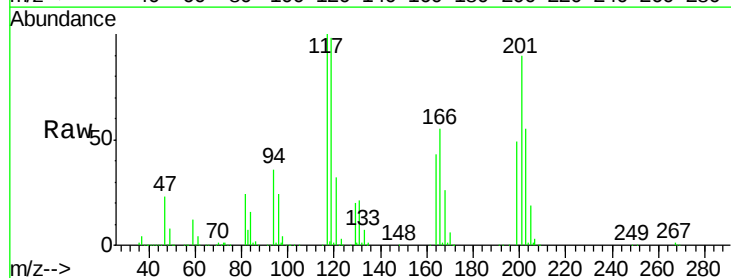
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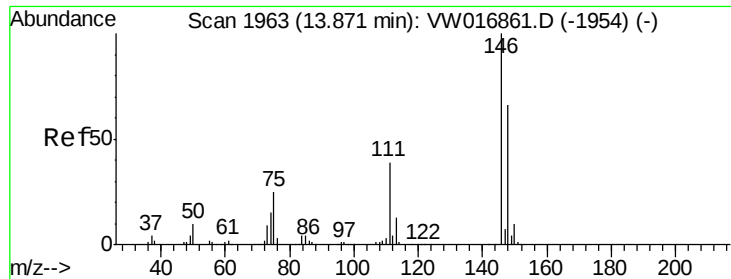
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#90
Hexachloroethane
Concen: 102.993 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	41.9	125.7





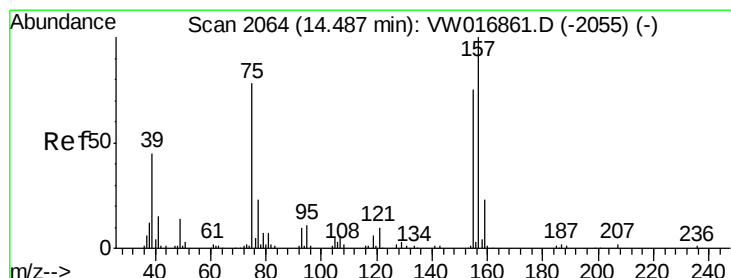
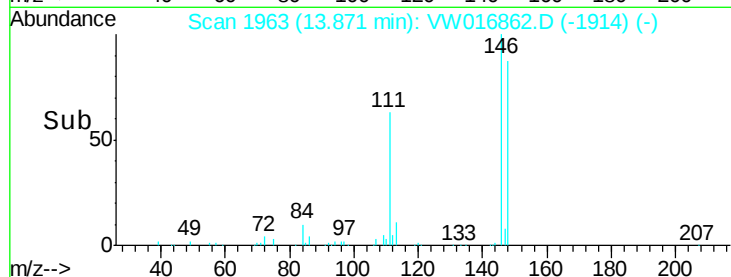
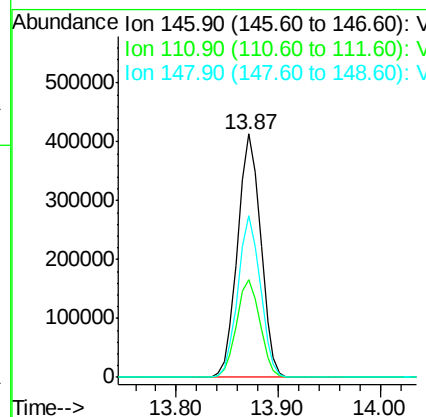
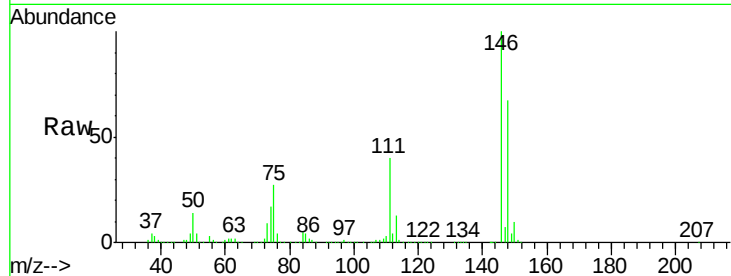
#91
 1,2-Dichlorobenzene
 Concen: 94.569 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	646776		
111	40.4		20.1	60.3
148	64.9		33.1	99.3

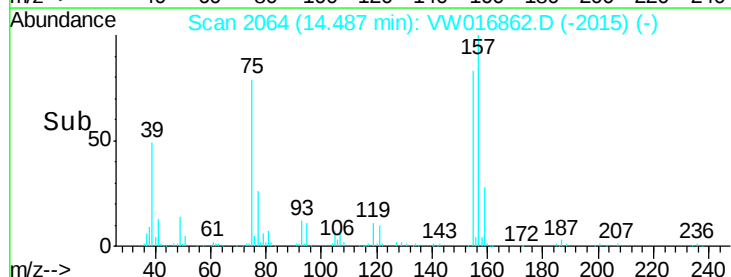
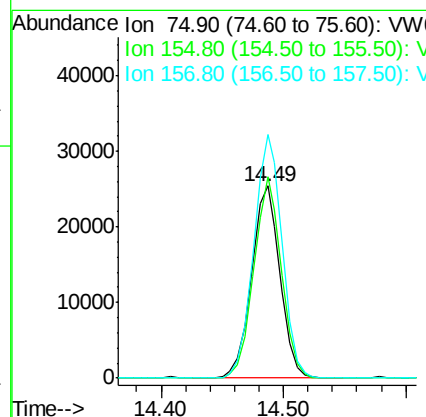
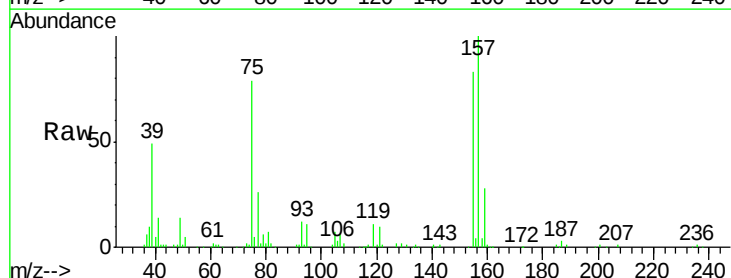
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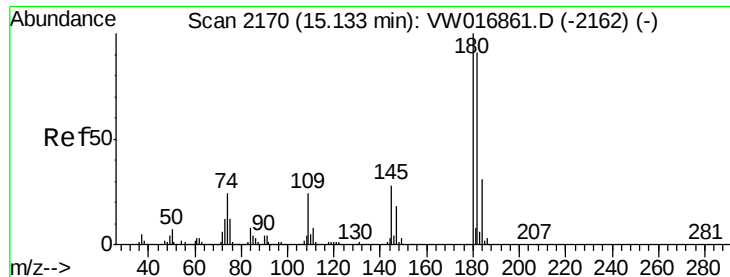
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.384 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41192		
155	100.8		47.6	142.8
157	126.0		62.2	186.6





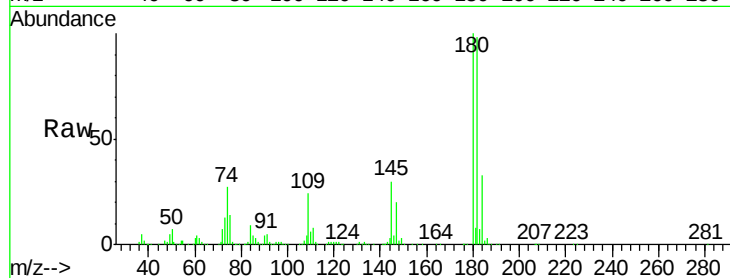
#93
 1,2,4-Trichlorobenzene
 Concen: 101.182 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

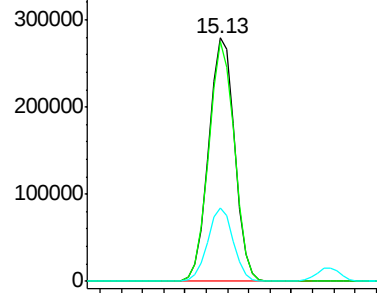
Tot Ion	Ratio	Resp	Lower	Upper
180	100	477472		
182	97.6	48.3	144.9	
145	29.7	14.9	44.5	

Manual Integrations
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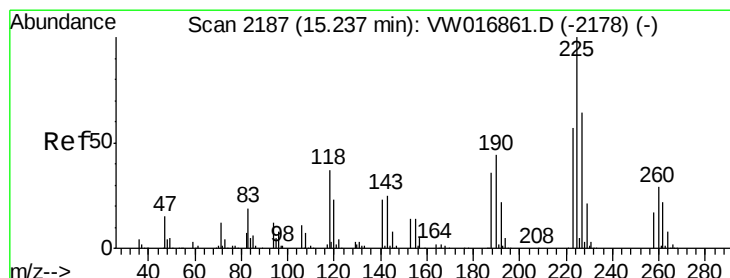
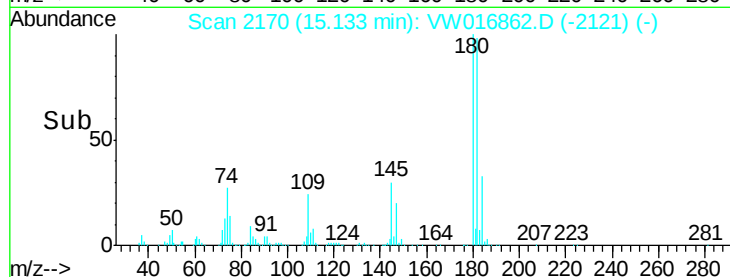
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

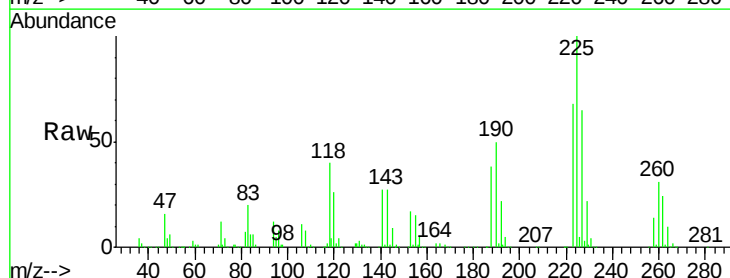


Time-->

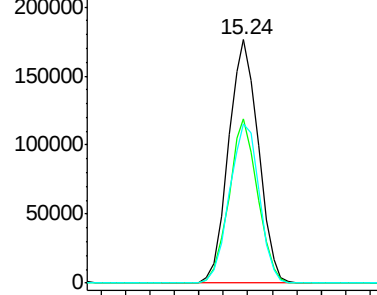


#94
 Hexachlorobutadiene
 Concen: 98.069 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016862.D
 Acq: 09 Oct 2020 15:23

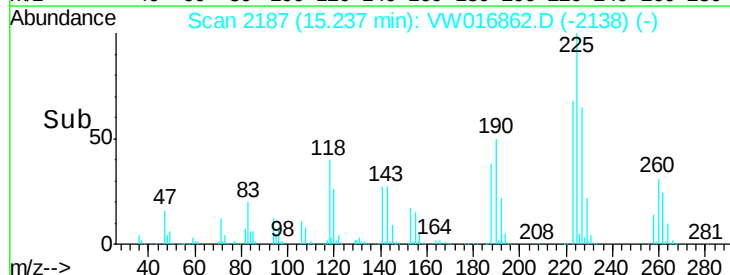
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	299997		
223	64.9	31.9	95.7	
227	65.5	33.0	99.0	

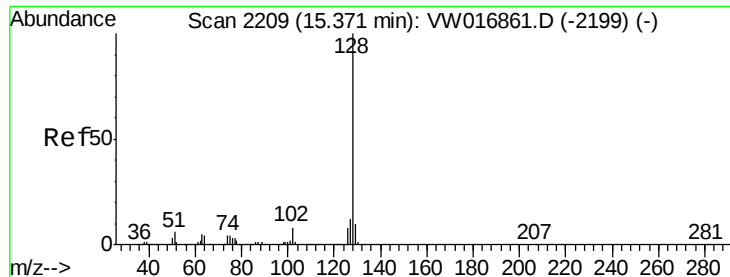


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





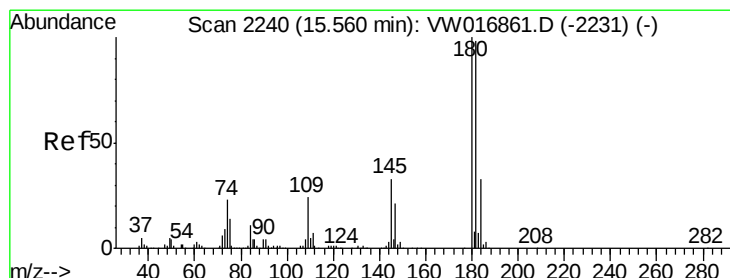
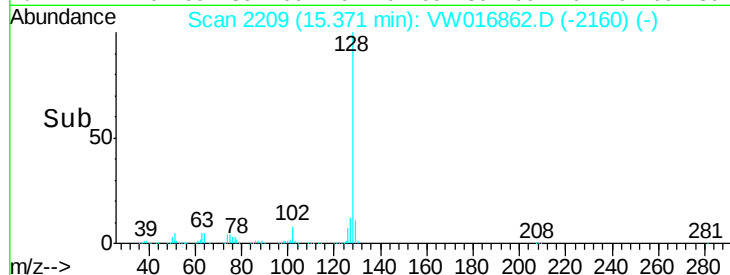
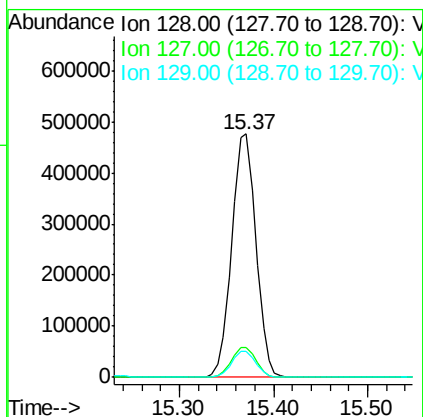
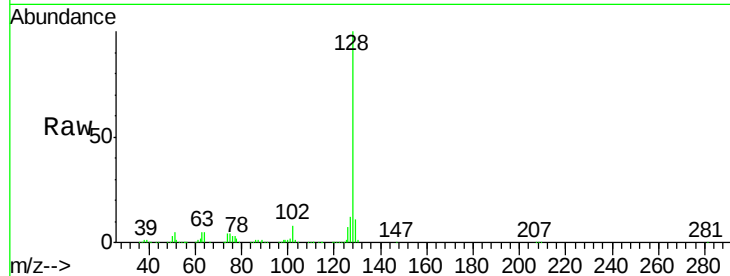
#95
Naphthalene
Concen: 110.870 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.8	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 101.157 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016862.D
Acq: 09 Oct 2020 15:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	49.4	148.2
145	32.0	16.3	48.9

